

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

ECONOMIC AND SYSTEMATIC BOTANY

June 24, 1920.

Dr. B. L. Robinson,
Gray Herbarium,
Cambridge, Massachusetts.

Dear Dr. Robinson:

I have your letter of June 21st concerning the British Guiana plants. I am very glad that you find them of use and that they will be a valuable addition to your collection.

You, of course, understand that I went to British Guiana primarily to study and collect the grasses. The collection of other plants was incidental from my standpoint. For this reason I have no especial interest in the miscellaneous collection after they are distributed to the contributing institutions. I think it would not be worth while to send me a list of the identifications, though, of course, the National Herbarium would be pleased to have such a list. It seemed to me that it would be the best thing to turn over to you the responsibility of having the plants determined since you, probably more than the other institutions, are interested in the flora of North and South America. Therefore if you are willing to undertake this I shall be very glad to turn the whole matter over to you to

2--Dr. B. L. Robinson.

do as you wish. That relieves me of all further responsibility as to the collection other than grasses. It is for this reason that I sent you the fourth set and also the most complete of the other sets. In this case it will be for you to determine how the various groups should be distributed to specialists for identification and I think the reports should come to you rather than to me. If I had had time to penetrate to the mountainous districts of the south, Roraima for instance, the results would have been much more interesting. This, however, was impracticable with the time and funds at my command.

I am thinking some of undertaking a similar trip to Venezuela or Colombia the coming winter. It may be too early for you to indicate whether you would be in position to contribute towards such a trip. I shall probably go soon after the first of January and remain about four months. What I say now is only tentative as I cannot yet formulate my own plans. I am wondering if it will be possible to have as much as \$500. each from your institution and from the New York Botanical Garden? I might be able to provide as much from here.

Very truly yours,

A. S. Hitchcock

Systematic Agrostologist.

New York Botanical Garden,
Bronx Park,
New York City.

July 6, 1920

Dr. B. L. Robinson

Gray Herbarium, Harvard University

Cambridge, Massachusetts

My dear Doctor:

Thank you for your letter of July 3rd. I expect the fourth set of Hitchcock's Guiana plants is quite as well left with you as it would be at Washington. I have been so much occupied with my own Trinidad collection that I have not had time to overhaul Hitchcock's material at all yet, but will have it organized during the summer and named up along the lines you suggest. Yes, we should like to have a copy of the list of determinations you have made, and we will send you a list of whatever we can name here. Pennell can do the Scrophulariaceae as you suggest; I will do the sedges; Small will do Malpighiaceae; Barnhart will do Lentibulariaceae; and there are various other small families that we can take care of.

I am likely to have to go to Europe in August, and thought I would like to take along some of this northern South American material for comparison with named material at Kew, in order to help the job a little to that extent.

Yes, if you will send the Trinidad collection made by Johnston along I will look it over right away and return it to you.

Yours faithfully



Director-in-Chief

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.

July 12, 1920.

Dr. B. L. Robinson,
Gray Herbarium of Harvard University,
Cambridge, Massachusetts.

Dear Doctor Robinson:

Your letter of June 29th relating to the identification of Mr. Hitchcock's British Guiana plants was duly received. Mr. Hitchcock had discussed with me the determination of the collection before his last letter to you, and we were agreed that while the identification of the collection might very properly be cooperative, it would be best on all accounts to have the work directed by some one person,--in this case yourself. Such help as we can give here will, of course, be very gladly given, but Mr. Standley is already pretty heavily loaded up with work and except for families in which he is particularly interested or engaged in monographing, I doubt if he would feel that he could be of very much assistance. I shall be glad to name the ferns as soon as the plants are mounted and of course you can count upon Mr. Blake for those groups in which he is especially interested. I would suggest, therefore, that you take the matter up directly with Mr. Blake and, in the case of the Umbelliferae, with Doctor Rose. Mr. Standley would probably look after such of the Rubiales as are not easily recognizable.

We should be very glad to have the partial list of identifications to which you refer. As an alternative to sending out partial lists, how would it do to prepare a single list of numbered entries for circulation among the three institutions, the names to be written in by the botanists making the identifications? This would merely mean a little extra postage. The fact of evident lacunae to be filled might serve as a spur on everybody's part.

As to the other groups I should certainly think it would be a good idea to send the orchids to Ames, the Senecios to Greenman, and the Loranthaceae to Doctor Trelease, who, I presume, would be glad to look after the Pipers also.

I am engaged just now in laying out a set of my Jamaican ferns, and hope to get them off to you within a few days. The flowering plants, which will be listed separately, ought to follow within a short time, but it will take some time to get identifications for the ^{lower} cryptogams.

With best regards,

Yours very truly,

William R. Maxon
Associate Curator
Division of Plants.

New York Botanical Garden,
Bronx Park,
New York City.

October 1, 1920

Dr. B. L. Robinson

Gray Herbarium, Harvard University
Cambridge, Massachusetts

My dear Dr. Robinson:

I shall be very glad indeed to identify Professor Hitchcock's specimens of Vernonia and Elephantopus. I should also like to look at his collections in the family Lobeliaceae. I have been engaged with these plants for two or three months past and find it very difficult to make any progress. Northern South America seems to be full of new species in this family. Of twenty-four sheets sent to England with Dr. Britton, not one can be matched with anything in the Kew Herbarium. It is doubtful, therefore, whether I can identify all of his lobeliads but I would at least do the best I could.

Very truly yours

H. A. Gleason

Acting Director

October 2, 1920.
Urbana, Illinois.

Dr. B. L. Robinson,
Gray Herbarium,
Harvard University,
Cambridge, Massachusetts.

Dear Dr. Robinson:-

I have not authentic collections here that warrant me in supposing that I can name without too much waste of time any of the Loranthaceae except Phoradendron. Of course I shall be more than pleased to look over any thing in that genus - even if uniques that you want returned.

Just now I am trying to round up Piper, north of the Isthmus. Ultimately it is probable that I shall go over the South American species: but as yet there are very few of them that I should care to name.

Unfortunately I do not know of any one who would do adequate work in either group.

Probably you have none of my friends in Liliaceae or Amaryllidaceae, but if you have I could attend to them promptly.

Sincerely yours,

Wm. D. C. C.

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

ECONOMIC AND SYSTEMATIC BOTANY

October 7, 1920.

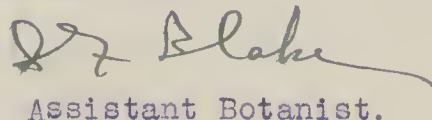
Dr. B. L. Robinson,
Gray Herbarium,
Cambridge, Mass.

Dear Dr. Robinson:

I received your letter regarding the identification of some of Professor Hitchcock's collection from British Guiana and shall be glad to help in it to the best of my ability. The Compositae which you ask me to name are not accessible at present here, as they are being mounted by outside parties. Mr. Standley tells me that they will probably be returned very soon, when I shall be glad to name them, or I could name them now if you are in a hurry and care to send down your material of the numbers mentioned. I could also look after the Polygonaceae and Lauraceae.

I have not had a chance to look over any of Professor Hitchcock's plants as they were all sent away to be mounted.

Sincerely yours,


Assistant Botanist.

SFB/HT

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.

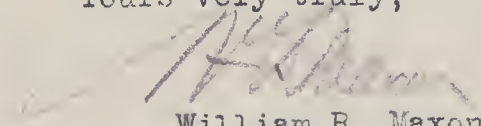
December 6, 1920.

Dr. B. L. Robinson,
Gray Herbarium Harvard University,
Cambridge, Massachusetts.

Dear Doctor Robinson:

I am forwarding herewith a list of the *Passiflora* species collected in British Guiana by Mr. Hitchcock. The identifications are by Mr. E. P. Killip. I am sending Doctor Britton a list, also.

Yours very truly,



William R. Maxon,
Associate Curator,
Division of Plants.

(Enclosure)

For B. L. Smith

Determinations of Passifloraceae collected in British
Guiana by A. S. Hitchcock.

- ✓ 16767. *Passiflora foetida* L.
- ✓ 16914. " *auriculata* H. B. K.
- ✓ 17020. " *foetida* L.
- ✓ 17072. " *coccinea* Aubl. *imbr.*
- ✓ 17074. " *glandulosa* Cav.
- ✓ 17181. " *foetida* L.
- 17210. " *auriculata* H. B. K.
- ✓ 17224. " *coccinea* Aubl.
- ✓ 17405. " *glaucophylla* Pulle = *P. stipulata* Aubl.?
- ✓ 17489. " *quadriglandulosa* Rodschied.
- ✓ 17602. " *jenmani* Mast.

April 25, 1921.
Urbana, Illinois.

Dr. B. L. Robinson,
Gray Herbarium,
Cambridge, Mass.

Dear Dr. Robinson:-

I make the Demararan mistletoes to be: 17523,
^{T. clausenii} P. carinatum; 16919, P. dimidiatum; 16920, P. piper-
^{(D.C.) T. clausenii} oides - which you may prefer to call latifolium. ^{(Sw.) Guss.}

I am very greatly obliged for the specimens.

Very truly,

Arn. Thellus.

Gray Herb.

A. S. Hitchcock

British Guiana

1919 - 1920

Collections other than grasses

✓ = reported to Washington in N.Y.

A. S. Hitchcock, British Guiana

Wild land in Botanic Garden, Georgetown, Oct. 25, 1919.

Swid. -16529. Stem upright, 8-10 ft. Fruit oblong, green, 4 $2\frac{1}{2}$ inches.
Swamp. Mucka-mucka.

✓
Cassia reticulata Willd. -16530. Shrub, up to 15 ft., stems slender; flowers yellow; specimens show flowers and young leaves and fruit and old leaves.

Low ground in jungle, near water.

Bissia V. nuyodensis? -16531. Woody vine, fruit black. Swampy jungle.

Adiantum -16532. In water of canal. In mosses, submerged, the pale lilac or nearly white flowers emerged.

S. sp. -16533. Floating, free, in water of canal

Nandia? -16534. Shrub up to 6 ft. tall; fruit yellow, pulp black, sweetish.
Jungle, near water.

Citharusium -16535. Shrub up to 8 ft. Flowers white in spike-like racemes.
Jungle, near water.

Acanthac. -16536. Shrub, more or less climbing or trailing; flowers white or pale yellow, the tube yellowish green or purplish, (flowers drying yellow). Low ground.

-16537. In water of canal - a grass

Littoralia -16538. Vegetative part floating in water of canal or imbedded in mud near water; flowers yellow.

Littoralia -16539. Shoots branched, floating, submerged, in water of canal; flowers yellow.

Azolla -16540. Floating on surface of water of canal.

Eupatorium ✓
Polystichum -16541. Shrubby, up to 8 ft. tall; flowers lilac. Low ground in jungle.

-16542. Shrub or small tree, 4-25 ft; fruit black. Low ground in
jungle.

-16543. Grassy places along canal. White in flower, turning light
brown in fruit.

✓ -16544. Dissected leaves floating submerged, a few oval entire
leaves at end of shoot, floating on surface; flowers yellow.
In water of canal.

-16545. Small tree, up to 25 ft; flowers creamy white. Low ground
of jungle.

✓ -16546 Shrub, stem white, slender, 10-15 ft. tall; flowers yellow,
odorless. Low gr. of jungle.

Wild ground in Botanic Garden, Georgetown. Oct. 26, 1919.

✓ -16553. Fls. yellow. Along canal.

-16555. Fls. blue. In water of canal.

-16556. Floating on surface of water of canal.

Georgetown- Sea beach and vicinity, east of Sea Wall. Oct. 29, 1919.

-16557. Shrub, 8 ft; fls. yellow. Waste land back of beach.

-16558. In water of canal.

-16559. Muddy bank of canal.

-16560. Corolla red, anthers, etc. yellow. Grassy ground in young
coconut plantation.

-16561. Muddy bank of canal.

✓ -16562. Tree, 30 ft. Back of beach.
Thespesia populnea (L.) Cass.

- Cuscuta* -16564. On *Sesuvium*. Flowers white. Sea beach back of *Ipomea pes caprae*.
- Avicennia* ✓
nitida Jacq. -16565. An isolated bush, 10 ft. high; often forming masses (a mangrove), producing large numbers of erect air roots from the ground. Muddy ground back of beach.
- Batis* ✓
maritima L. -16566. Straggling shrub as much as 2 ft. high. Muddy ground back of beach.
- Sesuvium* -16567. Prostrate fleshy herb; fls. pink. Muddy soil back of beach.
- Malachra* ✓
fasciata Jacq. -16568. Suffrutescent, up to 5 ft. apparently annual; fls. yellow. Waste land back of beach.
- Cyperac.* -16569. Large bunches, stems erect. Seabeach.
- Cyperac.* -16570. Along sea wall, among the stones.
- Ipomoea* ✓
pes-caprae (L.) Sw. -16571. Trailing for long distances; some stems upright as much as 2 ft.; fls. pink. Sandy seabeach.
- Heliotropium* ✓
curassabicum L. -16572. Prostrate bunches; fls. white. Seabeach.
- Cucurbitac.* -16573. Vine on trees back of beach; fls. white.

Georgetown, Promenade Gardens, Oct. 30, 1919.

Peperomia -16575. Weed in flower beds.

Euphorbia -16576. " " " "

Oct. 31, 1919.

Commelina -16582. Perennial; flowers light blue, open in morning. Weed in flower beds.

Cyperus -16583. Weed in flower beds.

Stemodia ✓
parviflora Ait. -16584. Annual, fl. light blue. Weed in flower beds.

- Parietaria* -16585. Annual, weed in flower beds.
- Urtica* -16586. " with stinging hairs weed in flower beds.
- Rivina humilis* -16587. " ; fls. very pale pink; fruit scarlet. Weed in fl. beds.
- Euphorb.* -16588. " ; erect, summit nodding; " " " "
- Cypripedium* -16589. " ; fls. white, eye yellowish striped. " " " "
- Portulaca* -16590. " ; yellow; prostrate. " " " "
- 16591. " ; blades more or less marked with purple " " " "
- Eleonora aculeata* L. -16592. " ; erect " " " "
- Eleonora serrata* Jacq. 16592 a
- Priva leppulacea* (L.) Pers. -16593. " ; flowers pale pink. " " " "
- Eleutheranthera ruderalis* (Sw.) Sch. Bip. -16594. " " " " "
- Yernonia* -16595. " ; flowers lavender. " " " "
- 2 16596. Perennial herbaceous vine; fls. white tinged with lavender on wings. Weed in fl. bed.

Weeds in Promenade Gardens, Nov. 1, 1919.

- Rubiac* -16600. Annual *Aldentandria corymbosa* L.
- Phyllanthus* -16601. " "
- Erilina* -16602. " fls. pink.
- Erilina* -16603. " " "
- Erilina* -16604. " " "
- Erilina* -16605. " " "
- Erilina* -16606. " " "
- Erilina* -16607. " " "
- Erilina* -16608. " " "
- Erilina* -16609. " " "
- Erilina* -16610. " " "
- Erilina* -16611. " " "

Georgetown, Botanic Garden, Nov. 3, 1919.

- Sphenoclea* ^{gautn.}
gylanica -16616. Annual weed in beds.
- Jussiaea* -16617. Fls. yellow. Along ditches.
- Eichhornia* ^{crang.}
paniculata -16618. " blue. In water of ditches. 2 sheets.
- ^{frang.}
-16619. " yellow. " " "
- Hydroclaea mynphoides* (Willd.) Buchanan.

Nov. 4, 1919

- Sparganthus*
Vaillantii -16621. Along ditch. Called ant-bush.
- Limnæa* -16622. Lemna. Floating on water of ditch
- Coccoloba* ^{lam.}
acutangula -16623. Annual, fls. yellow. Nov. 5, 1919 Bank of ditch.
- Solanum* -16624. 4 ft. tall, fls. white. Weed around dump heap.
- Rolandra* ^{Robt.}
argentea -16625. 2 ft. tall, weed around dump heap.
- Cassia* -16626. 3 " " , fls. yellow, weed around dump heap.
- Mala* ^{Jaeg.}
fasciata -16627. 3 " " " white or very pale yellow. weed around dump heap.
- Hedychium*
crenatum ^{Petz.} -16628. 3-4 ft. tall, gregarious; fls. white. Wet place.
- Jussiaea* -16629. 5 ft. " , fls. yellow. " "
- Elephantia* ^{(L.) Hassk.}
-16630. 2 ft. " , Weed along ditch.
- Hydroclaea*
spinosa ^{L.} -16631. Annual, fls. blue. Weed along ditch.
- Hydrocotyle* -16632. Damp ground in propagating sheds.
- Micromeria* -16633. fls. white ground in propagating sheds.
- Lindernia* ^{(L.) A. von Muell.}
crustacea -16634. " blue weed " " " "
- Cretaria* ^{(L.) Kunth.}
-16635. " " " " "
- Parietaria* -16636. foliage red brown, weed in propagating sheds.
- 16637. looks different from common species of *Pilea*. Weed in propagating sheds.
- Mimosa* -16638. 2 ft. tall. Along ditch.

- Acrothoe*, -16639. shrub 6 ft.
Aschynomus -16640. Suffrutescent, 4 ft., leaves sensitive. Along ditch.
Sida -16641. Along canal.

Georgetown, Vicinity of Peters Hall. Nov. 6, 1919.

- Hyptis* -16642. Weed along tram.
Cassia ✓ -16643. 3 ft. tall, fls. yellow. Along canal.
ottunifolia L.
Indigofera -16644. Suffrutescent, 3 ft. Along canal.
Capriaria ✓ -16645. " " " fls. white. Along canal.
biflora L.
Canna -16646. 3-4 ft. fls. light yellow. " "
Cucurbitac. -16647. Herbaceous vine; fls. yellow; fruit light orange, bursting
irregularly; seeds scarlet, mucilaginous. Along canal.
Cissampelos ✓
angustifolia L. -16648. Woody vine. Along canal.
Eupatorium ✓
odoratum L. -16649. Suffrutescent herb, fls. white. " "
Vernonia -16650. Along canal.
Desmodium -16651. " "
Scirpus? -16652. In water of canal.
Thunbergia ✓ -16653. Herbaceous vine; fls. orange yellow with purple eye. Along
alata Boj. canal.
Sida -16654. Weed along canal.
Solanum -16655. fls. white. along canal.
Malpighia -16656. Shrub, more or less twining at ends of branches; fls.
yellow. Along canal.
Stachytarpheta ✓ -16657. Weed along canal.
capensis (Rich.) Vahl.
Cyperus -16658. " " "
Loranthac. -16659. Shrubby vine; fls. white. Along canal.

Wedelia -16660. Suffrutescent, creeping on the ground in open places;
fls. yellow.

Legum. / 16661. Vine, on shrubs; fls. blue-pink. Low ground.

Lantana -16662. Shrub 5-8 ft; fls. red.
Camara L.

Spon. / 16663. Vine on shrubs in low ground near sea; fls. yellow.

Spon. -16664. Vine on shrubs in low ground near sea; fls. pink.

Heliconia -16664a " " " " "

Legum. -16665. " " " " "

Fern. -16666. " " " " "

Nov. 8, 1919.

Cyperac. -16672. 2 ft. tall; umbel large, many-rayed, only a few rays included
in each sheet. Along canal.

Nyctia -16673. 4 ft. tall; fls. white. Weed in low ground.

Cyperac. -16674. Low ground.

Cyperac. -16677. Along canal near sea.

2 - X 16678. Small tree or large shrub, 12 ft., fls. bluish. Mud flats
along sea.

Laguncularia -16679. Tree 10-20 ft, ^a ~~forming mangrove~~; mud flats along sea.
roxi nova
Sant. f.

Solanum -16680. Annual, 2 ft., fls. white. Weed along canal.

Acanthac. -16681. Fls. lavender. Weed in field.

Euphorb. -16682. Prostrate. " " yard.

Apet. -16683. Tree, 10 ft. Low ground near sea.

Heliotropium -16684. 2 ft. fl. white. Weed along canal.
indicum L.

Erigeron -16685. " " "

Georgetown

Nov. 9, 1919.

Demodium

-16687. Prostrate. Along street.

Euphorb.

2 - X 16688.

"

"

"

Georgetown, along tram toward Peter's Hall. Nov. 10, 1919.

Sesuvium -16689. Shrub, 3. ft. Low ground.

Spongia -16690. Stems rooting, floating in water, leaves and flowers emersed.
In water of canal.

? 16691. Fungus on sterile grass. Low ground along ditch, with
Panicum pilosum and *P. laxum*.

Vreed-en-Hoop, across the Demerara River from Georgetown,
Nov. 10, 1919.

Legum. / 16692. High climbing herbaceous vine; fls. white. Planted and
escaped. Called Bonny-vis.

Cyperac. -16693. 4-6 ft., leafless below; umbels often only bracts. Along
water ditch.

Legum -16694. Very prickly small tree; fls. bluish. Along brackish inlet. ^{2 ch.}

Typha -16696. Typha. Fertile shoot 5-6 ft. Water of pond.

Amaranthus ✓
spinosus ✓ -16697. Annual, 3 ft. Weed along Ry. track.

Legum. -16698. Herbaceous high-climbing vine; fls. pinkish lavender. Near
pond.

Spigelia ✓
Anthelmia ✓ -16699. Weed along Ry. track.

Ucalypha -16700. " " " "

✓ / 16701. Has stinging hairs. Weed along Ry. track.

Euphorbia palustris (L.) St. Hil.

- Cyperus* -16702. Low grassy ground.
- Physalis* -16703. Gravelly soil along Ry. track.
- ✓ -16704. Prostrate; fls. blue-indigo.
Alysicarpus *neomonticola* (L.) DC.
- Cassia* ✓ -16705. 4 ft.; fls. yellow, Open waste land.
obtusifolia L.
- Bignonia* -16706. Shrub 3-6 ft.; ends of branches more or less twining; tube of corolla white, the limb pink within; upper leaves (next inflorescence) with tendrils. Tidal flats among mangroves etc.
- Mahoe* -16707. Shrub 6 ft.; fls. pale yellow. Tidal flat among mangroves.
- Forsteria* -16708. Shrub 3-6 ft, scrambling; fls. green. Tidal flats.
- Mimosa* -16709. Climbing over shrubs; fls. white. " "
- Legum.* -16710. 8 ft. Escaped from cult. in waste land.
- Hypolepis* -16711. 4 ft. Waste land along Ry.
- Leonurus* -16712. Waste land along Ry.
- Apocynae* -16713. Shrub 2-5 ft., the branches somewhat twining, fls. white. Tidal flats.
- Emilia* ✓ -16714. Fls. red. Weed along Ry. track.
sagittata (Poir.) DC.
- Cassia* -16715. Shrub 3-5 ft.; fls. yellow. Tidal flats.
- Sporobolus* -16716. Fls. yellow. Low ground near sea.
- Cassia* -16717. 2 ft., fls. yellow. Weed in waste land along Ry.
- Legum.* -16718. Herbaceous vine, twining on herbs and prostrate trailing; fls. yellow.
- Bidens* -16719. Waste ground along Ry. track.
- Desmodium* -16720. Weed " " "

Georgetown

Nov. 11, 1919.

Sporobolus -16723. Grassland at Government Laboratory.

Nov. 12, 1919.

Along Ry. 3-4 $\frac{1}{2}$ miles west of Vreed-en-Hoop, across the Demerara River from Georgetown. All in low ground, a ditch with water on ^{each} sides of track.

- Legum.* -16725. Shrub up to 20 ft; partial petioles tend to coil for twining; panicle usually horizontal, the racemes turning upward; fls. white.
- Ipomoea* -16726. Climbing over bushes, fls. white.
- cardiospermum microcarpum* HBK. ✓ -16727. " " " " "
- Asplenium* -16728. Shrub 2-5 ft; fls. yellow; pod transversely jointed.
- Legum.* -16729. " 2-4 ft; fls. yellow, in heads.
- Legum.* -16730. Climbing over bushes; fls. white and yellow.
- Solanum* -16731. Fls. pale blue (This goes with a previous no. in fruit).
- ✓ -16732. Seems to be annual, 4 ft.; lower part of stem spongy; hairs not stinging (apparently). Growing in water of ditch.
- Euphorbia palustris* (L.) St. Hil. *Rubiaceae* 2-X 16733. Among tall vegetation close to water of ditch.
- Stracalia?* -16734. Erect-suffrutescent, 3 ft. Open ground.
- Cyperus* 16735. *Cyperus*. " "
- Ipomoea* 2-X 16736. Climbing over shrubs; fls. pink-purple.
- Cassia* 16737. " " bushes; fls. yellow.
- Asclepiad.* 16738. " on tree (*Erythrina*) in fruit only.
- Legum.* -16739. Tree 30 ft; bark whitish, twigs brittle; flowers salmon-red, on special branches in the top of the tree, a branch bearing usually several of the clusters shown in specimen.

Parika on the Essequibo River, about 18 miles west of Georgetown;
low ground along Ry. track Nov. 14, 1919.

- Melastom. -16742. Annual, 2 ft. Open ground.
 Malvac. -16743. 2-3 ft. " "
 Rynchospora? -16744. Moist meadow.
 Scoparia ✓ -16745. Annual, weed along track.
 Delonix L.
 Legum. -16746. Herbaceous vine climbing on Andropogon bicornis; fls. blue.
 Moist meadow.
 Solanum -16747. 3 ft. Along track.
 Scirpus -16748. Moist meadow.
 Bouteloua ramosa Aubl.
 var. ✓ -16749. Annual, 1-2 ft. Weed along track.
 vulgaris Swartz.
 Rubiac. -16750. 2-3 ft. " " "
 Cyperaceae -16751. Moist meadow.
 Euphorb. -16752. Annual 1-2 ft. Weed along track.
 Sida -16753. " " "
 Ardepiad.
 2 - X 16754. In open bog.
 Cyperus -16755. Along " "
 Cyperac. -16756. " " "

Mahaica, coast about 20 miles east of Georgetown. Nov. 15, 1919.

- Myrtac. -16761. Tree, 40 ft.; fr. oval black. Low ground.
 Sapotif. -16762. Shrub, 6 ft.; fls. red. " "
 Rubiac. -16763. Suffrutescent, 4 ft.; fls. red. " " near sea.
 Rubiac. -16764. Weed in sandy field.
 Viguiera? -16765. Along canal.
 3 16766. In water of canal. Common in canals and ditches everywhere.
 Only ✓ Nelumbo nucifera Gaertn.

Passiflora

16767. Climbing on shrubs near canal.

Mimosa

16769. " " " " "

Euphorbia

16770. " " " " " fruit only.

16771. 6 ft.; weed in field.

16772. Somewhat woody vine; near canal.

16773. 2 ft.; weed in field.

16774. " " banana field.

16775. Somewhat shrubby, 2-4 ft.; fls. pink. Along canal.

16776. Shrub, 6 ft.; fls. red. " "

16777. " 3-5 ft.; fls. yellow. Low ground along canal.

16778. 2 ft.; fls. white. Along canal.

16779. Climbing; fls. yellow. " " (Frequent, usually in vicinity of houses.)

16780. Weed along canal.

16782. Root spongy; fls. yellow; floating in water of canal.

16783. 4-5 ft; flowers pink, throat white with pink specks. Along canal.

16784. Tree, 30 ft. fruit only. Along canal.

16785. Shrub, 15 ft; trunk 4 in. diam.; fls. bluish or pale purple. Along canal.

16786. Fls. white; fr. orange. Weed along road.

16787. " " "

16788. Fr. dark red. " " "

16789. Climbing on weeds; fls. yellow. Weed along road.

Georgetown

Nov. 17, 1919.

Eryngium / 16790. Along street.

Parika, 18 miles west of Georgetown. Nov. 19, 1919.

- Mimosa* ✓
cothartica L. -16793. Shrub, somewhat viney, 6 ft.; fls. yellow. Low ground.
- Ipomoea* -16794. fls. pink; savanna.
- Legum.* -16796. Shrub, 4 ft.; fls. pink. Low ground.
- Legum.* -16797. Woody vine; fls. pink and white. Low ground.
- Mimosa* -16798. Annual; fls. yellow. Savanna.
- Rutiac.* -16799. Straggling in grass. "
- Mimosa* ✓
asperata L. -16802. Shrub 10-15 ft.; fls. pinkish. Low ground.
- Legum.* -16803. Pods of 16785. " "
- Archid.* -16804. On trunk and large limbs of tree near sea.
- Legum.* -16805. Woody vine. Near sea.
- Marantaceae* -16806. Thick bulbous base with rhizomes; fls. white. Growing in colonies, muddy slope near sea.
- Sida* -16807. Annual. fls. yellow. Weed along road.
- Polypodiaceae* -16808. Shrubby up to 12 inches; fls. white. Muddy tidal flat.
- Aroid.* 3 16811. Along ditch in savanna.

New Amsterdam, road south of town. Nov. 21, 1919.

- Hibiscus* ✓
hibiscus L. -16822. Tree, 30 ft.; fls. yellow, fading reddish. Among mangroves.
- Ficus* -16823. Tree, 30 ft; fr. pink with red specks. Near mangroves by sea.
- Bignon.* / 16824. Vine on mangroves, etc; fls. yellow.
- Thunbergia* ✓
alata Boj. -16825. Vine; fls. white with nearly black eye. Among grasses etc.

- Legum.* -16828. Weed in waste place.
- Amaranthac.* -16829. Much branched and tangled. Waste place.
- Leucaena* ✓
glauca (L.) Benth. -16830. Bush 2-6 ft. (often larger than this); fls. white. Along ditch.

Georgetown, along Sea Wall. Dec. 26, 1919.

- Legum.* -16837. Creeping in grass near seawall.
- Mimosa* -16838. Small tree along ditch. Common in open ground back of sea wall.
- Rhizophora* ✓
mangle L. -16840. Small tree 15 ft. This mangrove is not common here (beach at end of sea wall, Kitty village). Mixed with *Avicennia* and *Lage cularia*.

Lamaha Stop-off, East Coast water Conservancy, S.E. of

Georgetown. Nov. 25, 1919.

- Bacopa*.
1 - X 16860. Fls. blue. Bank of canal.
- Tonina* ✓
humilis Sw. -16861. " " "
- Moporus* ? -16862. Shrub, 4-8 ft. On dike among shrubs.
- Miconia* -16863. " 4-12 ft. Along dike.
- Apocynac.* -16864. " fls. yellow " "
- Aroid.* -16865. Acaulescent. Along bank of canal.
- Scleria* -16866. Along dike.
- Nymphaeoides* ✓
Stumbollettianum (HBK) Buntze. -16867. Leaves floating; fls. white. In canal.
- Nymphaea* -16868. " " " " " "
- Utricularia* -16869. Floating submerged; fls. yellow. In canal.
- Aroid.* -16870. On trunk of tree.

- Umscog.* / 16871. Fls. white. On trunk of tree.
- Lythras.* 2-X 16872. Fls. yellow. In marsh [This goes with preceding specimens from Parika cf. 16798.]
- Lytnac.* -16873. Shrubby, as much as 12 ft., with long virgate wide-spreading branches; fls. yellow. Marsh.
- Bromelias.* 2 16874. 6 ft. tall, leafless below; fls. white. Marsh.
- Clitadium*^V -16875. Shrubby, 6-8 ft. "
- surinamense* L.
- Fern* -16876. Fertile pinnae above. Climbing on trees. On dike,
- Cyperac.* -16877. Leaves retrorsely scabrous and very cutting. Along edge of canal in woods.
- Cissus* -16878. Panicle branches & pedicels red. Climbing in shrubs along dike.
- Apoeynac.* 2-X 16879. Woody vine along dike.
- Aroid.* -16880. Climbing on dike.
- Polygonum.* -16881. In water of ditch. Stem decumbent, long-rooting, fls. white.
- Hyplis* -16882. Creeping and ascending among grasses near ditch.
- Rosac.?* -16883. Tree, 20 ft. On dike.
- Orchid.* -16884. Erect, fls. greenish white. Marsh along canal.
- Mikania*^V -16885. Climbing on mucka-mucka. Marsh.
- micrantha* HBK.
- Nephrolepis* -16886. Among mucka-mucka. Marsh.
- Sagittaria* -16887. In water in marsh.
- Melastom.?* -16888. Fls. whitish. "
- Cyperac.* -16889. In water in marsh.
- Xyris* -16890. Marsh
- Cyperus* -16891. Marsh.
- Xyris* -16892. "

- Bromeliac.* -16893. Bracts red. On tree on dike.
- Hydrocotyle* -16894. Floating in water of marsh.
- Utricularia* -16895. Leaves floating submerged; fls. pink or purple. In water of marsh and canal.
- Apocynas.* -16896. Shrub 10-15 ft.; fls. white, falling in afternoon. Marsh.
Schult.

Koorubia Creek, East Coast water Conservancy, S.E. of Georgetown.
Nov. 26, 1919.

- Chelonanthus* ✓ -16901. 2-4 ft.; fls. white. Marsh.
- Chelonoides* (L.f.) Sillg. -16902. Shrub 10 ft., fls. white. Marsh.
- Nymphaea* -16903. Fls. white; leaves floating, entire. In water of Laluni Creek.
- Melastom.* -16904. In marsh, grassy edge of mucka-mucka.
- Asclepiad.* -16905. Vine, climbing on mucka-mucka. In marsh.
- Cyperac.* -16906. Marsh.
- Cyperac.* -16907. In large clumps. Marsh.
- Unrecog.* -16908. Fls. pink. Grassy edge of creek by mucka-mucka, Marsh.
- Burmanniac.* 2 - X 16910. Fls. blue-pink. Grassy edge of creek, marsh.
- Rubiace.* -16911. Fruit dark blue.
- Uroid.* 2 16912. Common name is "mucka-mucka". (Flowers for specimen in fruit from Bot. Gard.)

"Sandhills," head of Koorubia Creek, S.E. of Georgetown.

East coast water conservancy, Nov. 26, 1919.

- Unrecog.* 2 16913. Shrub. Sandy scrub.
- 16914. Vine, " "
- Passiflora*

- Rubiace. —16915. Straggling herb, 2-3 ft.
- Acanthace. 3-16916. Shrub 6 ft. (fruit) Sandy forest.
- Dioscoreace —16917. Woody vine in forest.
- Commelinaceae 2-16918. At foot of tree, " "
- Loasaceae. —16919. Parasitic shrub. Sandy scrub. *Phoradendron dimidiatum* (Miq.) Sehl.
- Loasaceae. —16920. " " " . Inflorescence reddish. Sandy scrub. *Phoradendron piperoides* (L.f.) Tr. = *latifolium* (Sw.) Griseb.
- Rubiace. —16921. 2-3 ft. Sandy scrub.
- Malpigh. —16922. Shrub 2-4 ft. fls. yellow. Sandy scrub.
- Urticaceae. —16923. Shrub, 4-8 ft; fls. white with pink center. Sandy scrub.
- Myrtaceae. —16924. " , 8 ft. " "
- Lecanaceae? —16925. " 4-10 ft; fls. white. " "
- Fern —16926. Climbing on small tree, wet forest.
- Euphorbiaceae. —16927. Sandy savanna.
- Melastom. —16928. Suffrutescent, fls. pink. Sandy savanna.
- Compositae 2-X 16929. " "
- Fern. —16930. " "
- Elusie? —16931. Shrub 4-10 ft. " scrub.
- Liliaceae. / 16932. Wet forest
- Smilac. —16933. Climbing; fr. orange. Sandy scrub.
- Amaryllidaceae. / 16934. Wet forest.
- Melastom. —16937. " "
- Urticaceae. —16938. Shrub, 8 ft. Sandy scrub.
- Cyperaceae. —16939. Wet forest.
- Utricularia —16941. Erect on damp sand, fls. yellow, Sandy savanna.
- Utricularia —16942. " "
- 2-X 16943. " "
- Xyris

- ~~Cyperac.~~
2 - X 16944. Sandy savanna.
- ~~Eriocaulaceae.~~
/ 16945. " "
- Eriocaul. -16946. " "
- Utracog. -16947. " "
- Acanthac. 3 16948. Epiphytic on tree; fls. white. Wet forest.
- Cyperac. -16949. Sandy savanna.
- Polyact. -16950. Small tree, 20 ft. Sandy scrub.
- Utracog. -16951. Wet forest.
- Melastom. -16954. Sandy savanna.
- Gentianac. -16955. fls. blue. Sandy savanna.
- Utracog. -16956. fls. pale yellow, bracts scarlet. Sandy savanna.
- ~~Didymachia~~
~~coruloscera~~ (Aubl.) Brisch. 16958. Sandy savanna.
- ~~Melastom.~~ 16959. Wet forest.
- ~~Eriocaulac.~~
2 - X 16960. Sandy savanna.
- ~~Rubiac.~~
2 - X 16961. " "
- Hygala -16962. fls. white. Sandy savanna.

Canal to east and south of Lamaha. Stop-off East coast water
conveyance as far as high land, S.E. of Georgetown. Nov.
27, 1919.

- Aroid. -16967. Acaulescent, open ground on dike, near water of canal.
- ~~Legum.~~
2 - X 16968. Shrub, 5 ft; fls. pink-purple. Along dike.
- Melastom. -16969. " 6 ft. along dike.
- ~~Centrosema~~ ~~ramosa~~ Aubl.
var. / 16970. fls. white. Marsh.
- ~~Elephantopus~~ ~~ramosa~~ Benth.
16971. Sandy soil, open ground on dike.

- Apocynac. 3 16972. Vine climbing on shrubs; fls. yellow with orange eye.
Along dike at edge of marsh. 2d sheet.
- Heliconia 16975. bracts red. Along dike by wet forest.
- Melastomac. 16976. Shrub 4-8 ft.; fls. white. Marsh.
- Melastomac. 16977. Annual, fls. pinkish. Along dike near water in sandy soil.
- Dioscorea 16978. Vine on shrubs. Along dike.
- Cyperac. 16980. Along sandy dike. (also in marsh)
- Samopet. 16981. Fls. white with pinkish tinge. Sandy dike.
- Melastom. 16982. Shrub 3-6 ft; fls. magenta. Marsh.
- Rubiace. 16983. Vine on shrubs, fls. yellow. Marsh.
- Nikania 16984. " " " " white. "
- Melastom. 16985. Shrub 2-3 ft. " magenta. Along dike.
- Unrecog. 16986. 5 ft. Marsh.
- Aroid. 16987. Climbing on trees in wet forest.
- Palm. 16988. " " " " " "
- Napaea V. 16989. fls. yellow. Floor of deep wet forest.
fulvodesa Aubl.
- Cyperac. 16990. Marsh.
- Melastom. 16991. Shrub, 8 ft. Wet forest.
- Agavecia 16992. On trees in wet forest.
Pritchella Lindl.
- Rubiace. 16993. Shrub, 4-8 ft, fls. white. Wet forest.
- Melastom. 16994. " 5 ft. Wet forest.
- Cyperac. 16995. Marsh.
- Cyperac. 16996. "
16997. leaf-blades emersed; flower clusters floating on surface at
a distance; fls. white. Canal.
- monocot.
aquatic.

- Gentiana*.—16998. Fls. green in bud, white when fully open. Dike near marsh.
- Rubiac.*—16999. Vine, fls. white. On dike near forest.
- Melastomac.*—17000. Shrub, 4 ft. fls. white. Marsh.
- Cyperus* —17001. Marsh
- Savagesia erecta* L. ✓
2 — X 17002. Open ground, along dike near water.
- Labiatae* —17003. Marsh.
- Drosera* —17004. Raised on short stem above the mud; fls. white. Bare wet ground between clumps of sedges in marsh.
- Utricularia*—17005. On bare wet soil, marsh. (goes with 16941).
- Utricularia* / 17006. Fls. purple. On wet mud and in shallow water.
- Lentibular.*—17007. Fls. yellow. On wet open soil in marsh.
- Cyperac.*? —17008. " "
- Cyperac.* —17009. " "
- Cyperac.* —17010. " "

Near Lamaha Stop-off, East Coast Water Conservancy, S. E. of
Georgetown. Nov. 28, 1919.

- Scroph.* —17013. Open ground, near dwelling.
- Hibiscus*—17014. 3-5 ft.; fls. red-pink. Along dike near marsh.
- Fern* —17015. Open ground on dike,
- Mikania* ✓
micrantha HBK. —17016. Climbing on shrubs; fls. white. Near marsh.
- Melastomac.*
2 — X 17017. " " " Dike " "
- Psychotria* —17018. " " " } fr. nearly black. Dike near marsh.
- Euphorbia* —17019. Open ground near dwelling.
- Passiflora* 3 17020. Climbing and trailing, along dike.
- Clitadum* ✓
surinamense L. —17021. Fls. white " "
- Cyperac.* —17022. Along dike near water.

"Breakfast Banab", East coast water conservancy, Nov. 29, 1919.

- Bromeliad. -17023. Succulent, branched, straggling 4-8 ft. Wet copse.
 Piper -17025. 4 ft. " "
 Eleocharis? -17026. Along ditch, edge of water.
 Vernonia -17027. 6 ft. " "

Penal Settlement, on west side of Essequibo River. Dec. 3, 1919.

- Melastom. -17029. Marshy open ground.
 Aroid. -17030. Acaulescent; blades erect, spathes recurved, S-shaped; odor of skunk when fresh. Raphides produced irritation of the hands in handling split portions. Swamp, in or near the water.
 Fern -17031. Large pinnae opposite. Climbing in wet forest.
 Compos. -17032. Marshy place in open ground.
 Commelinac. -17033. Bract white; trailing or decumbent-spreading. Floor of sandy damp forest.
 Cyperac? -17035. Open moist sand along road through forest.
 Xyris -17036. Fls. yellow. Marsh.
~~Utricularia~~ / -17037. Shallow water of marsh.
 Bacopa ✓
 aquatica Aroid. -17038. Fls. lilac-white. Shallow water of marsh.
 Scroph. -17039. Fls. blue. " " " "
 Utrucog. -17040. Fls. pale blue or white with blue streaks. Shallow water or mud of marsh.
 Melastom. -17041. Fls. white. Marsh.
 Cyperac. -17042. Marsh, shallow water.
 Cyperac. -17043. " " "
 Sagittaria -17044. Blades floating; a single flower at surface of water

the rest of the inflorescence submerged; fls. white. In water.

Lythrac. -17045. Fls. yellow. Marsh.

Rubiac. -17046. Wet soil, "

Mimosa -17047. Foliage sensitive; fls. white. Marshy field.

Xyris -17048. Fls. yellow. Shallow water of ditch.

Desmodium -17049. " pink. Marshy field.

Fern -17050. " "

Melastom. -17051. Suffrutescent, 3-5 ft, looks like an annual; fls. magenta.
Marshy old field.

Desmodium
/ 17052. " " "

Melastom. -17053. fls. white. Marshy old field.

Sauvagesia ✓ -17054. " " with pink center & tinges on petals. Marshy old
erecta L. field.

Boutourea ramosa Aubl.
var. ✓ -17055. fls. white, pink tinged. Marshy old field.
vilgaris Benth.

Labratar -17056. " " " " "

Euphorbia ✓ -17057. Sterile. Along ditch.

Legum. -17058. Vine; fls. blue. Marshy old field.

Cyperac. -17059. weed in flower bed.

Unecog. -17060. Tree, 30 ft. Wet sandy forest.

Hirtella ✓ -17061. " " " ; fls. pale blue or lilac. Wet sandy forest.
americana L.

Myrtac. -17062. Small tree, 10 ft. " " "

Hirtella ✓ -17063. Tree, 40 ft.; petals white " " "
hirtella Lam.

Euphorb. -17067. Prostrate. Hard open ground around Colony House.

Dec. 4, 1919.

Aroid. -17069. Acaulescent, petiole and peduncle mottled, 5 ft. long, erect.
Wet place in forest.

- Cyperac.* -17070. Wet sandy soil.
- Diosmedium* -17071. Suffrutescent, 1-2 ft.; fls. pink. Sandy open ground in forest.
- Unrecog.* -17072. Woody vine, climbing high over trees; fls. red. Wet forest.
- anton.* -17073. Shrub, 5 ft.; fls. white. Wet sandy forest.
- Saniflora* -17074. Woody vine, high climbing on trees; fls. red. Wet forest.
- Eriocaulos.* -17075. Open wet sand by road through forest.
- Hemialmia* -17076. Sterile shoots, 7 ft.; fertile from ground at base, axis etc. and fls. red, the thin petal creamy; fruit ovoid, purple, nearly black. Wet forest.
- Cyperac.* -17077. Basal blades flat, about 6 ft. long, 2 inches wide; fertile culm 5-6 feet, with several blades, the lowermost about as long as the basal. Umbel large, the single one furnishing all the flowering specimens, an additional fruiting umbel divided and seeded. Wet forest.
- Fern* -17078. Climbing on woody vine on wet forest.
- Masficht.* -17079. Woody vine climbing high over trees; fls. yellow. Wet forest.
- Cyperac.* -17080. Marshy place.
-
- Along Maccaibo River, Penal Settlement below.) Dec. 5, 1919.
- Unrecog.* -17084. Shrub, 8 ft. Jungle.
- Cyperac.* -17085. Open sandy ground.
- Kuhine.* -17086. Shrub, 1 ft. erect; specimen cut at surface of ground. Edge of jungle.
- Triumfetta* -17088. 3 ft. Open ground in pasture.
- Unrecog.* -17089. Tree, 50 ft.; ripe pods taken from ground beneath tree. Bank of river.

- Rubiace -17090. Shrub, 4 ft: fls. white. Open ground, bank of river.
- Myrtac. -17091. " or small tree, 15 ft.; fruit nearly black, globose, pulp sweet. Along river bank.
- Coutoubea ramosa* ^{var.} -17092. Perennial, 2-3 ft. Sandy marsh along river.
- Desmodium* -17093. Straggling shrub 3-4 ft. Only 1 flower, following day got a second flower from same shrub and 2 from another. Fls. wilt in afternoon. Ants busy on them. Sandy soil along river, near water.
- Unrecog. -17094. Open sandy pasture near river.
- Malvace. -17095. Widely spreading or decumbent; fls. yellow with dark red center. Open sandy pasture near river.
- Lindernia* ^{diffusa} (L.) Wats. -17096. Mats; fls. pale blue. Open sandy pasture near river.
- Desmodium* -17097. Prostrate, fls. pink. " " " " "
- Rubiace. -17098. Trailing, with erect branches; fls. white. Sandy beach along river.
- Leucaena* -17099. Wet sand along river bank.
- Legum. -17100 fls. pink. Open hard ground along road by river.
- Celastr. -17103. Open sandy ground " " " "
- Phyllanthus* -17106. Wet sandy soil. " " " "
- Sagittaria* -17107. Gregarious; in all specimens seen leaves are bladeless. Wet sandy soil by river, in water at high tide.
- Unrecog. -17108. Woody vine, climbing on trees by river.
- Polypet. -17109. Tree, 20 ft. Jungle near river.
- Polypet. -17110. " " " "
- 17111. Parasitic on tree by river side. Specimen of host included.
- Convolvulaceae*.

Along road north of Penal Settlement on Essequibo River. Dec. 6, 1919.

- ✓ *Microseris debilis* Sw. - 17115. Annual, decumbent-spreading; fls. white. Along ditch near dwelling.
- ~~Ipomoea~~ - 17116. Shrub; fls. lavender. Jungle.
- ~~Rignon.~~ 2 - X 17117. Tree or vine unknown; fls. gathered from ground. Jungle.
- ~~Marantac.~~ - 17118. Acaulescent, about 2 ft.; clusters of a dozen leaves; fls. white, tinged with lavender. Swampy ground in forest.
- ~~Piper~~ 2 - X 17119. Shrub in jungle.
- ~~Apocynac.~~ - 17120. " 6 ft. in jungle.
- ~~Fern~~ - 17122. Floor of forest.
- ~~Unrecog.~~ - 17123. Small tree, 12 ft., fls. salmon-yellow, borne on naked branches below the leaves. Wet forest.
- ~~Fern~~ - 17124. In second-growth jungle.
- ~~Apocynac.~~ - 17125. Straggling shrub, 1-2 ft. Jungle.
- ~~✓~~ - 17126. Strong cane, 3-4 ft., with large clusters of leaves and an inflorescence at summit; fls. dull red with yellow center. Swamp in forest.
- Lachnospira* ~~obliquata~~ (Rudge) Körn. *Aronia* (R. & S.) Körn.
- ~~Rignon.~~ - 17127. Fls. white; woody vine. Jungle.
- ~~Legum.~~ - 17128. Woody vine, climbing high; fls. lavender. Jungle.
- ~~Unrecog.~~ - 17129. Small tree, 30 ft. "
- ~~Bromelia~~ - 17130. Aspect of pineapple; inflorescence about 6 in. long. bracts red. Jungle.
- ~~Solanum~~ - 17131. As much as 10 ft. tall; fls. light purple. Small clearing in forest.
- ~~Cyperac.~~ 2 17132. Giant sedge fruit to go with 17077. " " in forest.

- Vittaria -17133. On trunk of tree.
 Bignon. / 17134. Woody vine; fls. white. Cut-over jungle.
 Unrecog. -17135. Small tree, 25 ft., fr. globose, $1\frac{1}{2}$ in. diam. jungle.
 Piper. -17136. Shrub, 3 ft.
 Apocyn. -17138. " 2 ft. fls. white. Sandy pasture.
 Myrtac. -17139. Small tree, 30 ft., near river (cf. 17139).
-

Road along Essequibo river, north of Penal Settlement. Dec. 7, 1919.

- Euphorb. -17140. Copse by river.
 Dacryd. -17141. Climbing on shrubs near river.
 Malpigh. -17142. Woody vine, climbing on shrubs near river.
 Unrecog. -17143. Shrub, 15 ft. woods, " "
 / 17145. " 5 ft. Sandy shore of river.
 Euphorb. -17146. Woody vine or straggling shrub; fls. red with green tips.
 Copse by river.
 Gamopet. 2 - X 17147. Fls. pale blue. On tidal beach.
 Sida -17148. Weed in pasture.
 Melastom. -17149. Large shrub, 10 ft.; fls. pale blue or nearly white. By river.
-

West of Penal Settlement. Dec. 8, 1919.

- Cordia -17150. Shrub, 4 ft. fls. white. Old field.
 Unrecog. 2 - X 17151. " 8 ft. Jungle.
 Marantag. 17153. Straggling and trailing on floor of forest.
 Lycopodium. 17153 $\frac{1}{2}$ Marshy place in pasture.
 Apocynac. 17155. Shrub, 4 ft. fls. white, petals Jungle.

- Uncog.* -17156. Shrub 15 ft. fls. white, Jungle.
Fern -17157. Small tree fern, trunk 4 ft. (a piece in 1 specimen;
 old pieces of petiole, frond of many pinnae 4 ft. long).
 Jungle near river.
Legum. -17158. Tree, 40 ft. Jungle near river.
Mucuna -17159. Woody vine; fls. suspended on stalk several feet long
 (fls. & pods, no leaves).
Malv. -17160. Fls. yellow. Wood in pasture.
-

Penal Settlement on Essequibo River. Dec. 9, 1919.

- Erotalaria* / 17164. Lawn of prison grounds.
Asclepiad. -17165. Woody vine, juice milky, fls. white. Wet jungle.
Uncog. -17166. " " ; fruit in racemes 1 ft. long. Wet jungle.
Mimosa? -17167. Prickly shrub, 6 ft.; fls. white. wet place in pasture.
Legum. -17168. Tree, 30 ft., fls. white inside, purple outside; fruit
Pentastlethra filamentosa Benth.
 woody. Wet jungle.
 ✓ -17169. Tree 40 ft.; fls. white, pink-tinged outside, along branches
Bellucia grossularioides (L.) Triana
 below leaves. Wet jungle.
 ✓ -17170. Tree, 10 ft., fls. yellow. Wet pasture.
Vochytia curvata Klotzsch
 ✓ -17171. Along dike by river.
Anacardium occidentale L.
-

The Hills Estate, 3 miles south west of Bartica, Dec. 10, 1919
near Mazaruni River.

- Dinga* -17173. Tree, fls. white. By riverside.
 ✓ -17174. Fls. pinkish. Wood in lime grove.
Shigella Anthelmia L. ???
 -17175. Parasite on tree, bank above river.
Trachypogon

- Legum.* -17177. Vine on shrubs, fls. red. Old field.
- Piper* -17178. Suffrutescent, 5 ft. " "
- Bromelad.* -17179. Succulent, 5 ft.; fls. pale salmon, bracts red. Old field.
- Malpigh.* -17180. Vine, somewhat woody; fr. red; climbing on shrubs in " "
- Passiflora* -17181. " old field.
- Melastom.* -17182. 5 ft. fls. white in old field.
- Sporoclea* -17183. Vine on shrubs " " "
- ✓ -17184. Suffrutescent, 4 ft.; the 2 bracts red, central fls. yellowish.
Cephaelis tomentosa (Sw.) Vahl
 in old field.
- ✓ *Bidens* -17185. 2-3 ft., rays white, in old field.
laevis (L.) Willd.
- ✓ / 17186. fls. white. Lime grove.

Maranta arundinacea L.
Kijk-Over-al island in Mazaruni River, opposite Kartabo. Dec.
11, 1919.

- Malpigh.* -17186. Shrub 2-4 ft., fls. yellow. Coast of Kijk-Over-al
- ✓ / 17187. Shrub 4 ft., fls. yellow. " " " "
- Glomandra cathartica* L.

Kartabo, junction of Guyuni and Mazaruni River. Dec. 11, 1919.

- Burmanniaceae*
 / 17202. Plant & fls. pure white. On floor of virgin forest, coming up through dead leaves; probably a root-parasite.
- unrecog.* -17203. Tree, 30 ft. fls. white; edge of forest.
- Melastom.* -17204. " 40 ft. " " " "
- / 17205. Sterile; the prickly stems creep over the floor of the forest and send off the slender foliage shoots.
Discomela
 (or *Smilax*)
- / 17207. Vine, fls. yellow. Clearing.
apocynaceae
- / 17208. Tree by river.
Malpigh.

Cyperac. -17200. By trail near river.

/ 17210. Vine, edge of forest.

Cyperac. -17212. along trail by river bank.

Melastom. -17213. Shrub 4-5 ft. fls. white. By trail through forest.

Cela. -17214. Tree 3-6 ft. in clearing.

Jussieu. -17215. Straggling, 1-3 ft. fls. yellow. Weed in clearing.

Euphy. / 17216. Vine on tree by river.

Euphorbia. -17217. fls. white, weed in clearing.

unm. -17218. Tree, 20 ft.; fruit red. By river.

✓ -17220. Climbing on tree trunk, in shade near river.

Polypodium angustifolium Sw. " " " " " "

✓ -17221. On old " " " " " "

Polypodium Phyllitidis L. " " " " " "

Myrtac. -17222. Tree, 20 ft.; fls. white " " " "

2 -X 17223. Climbing in jungle.

2 -X 17224. " on trees in jungle.

Scroph. / 17225. Epiphytic on shrubs; fls. white. Forest.

Peperomia / 17226. Shrub, straggling or vine like. "

✓ -17227. Along trail. "

Lycopodium commune L. " "

2 -X 17228. Shrub " "

Piper / 17229. Tree, 12 ft. along trail in " "

Cassia

R.

Penal Settlement on Essequibo Road to Preer Camp. Dec. 12, 1919.

palm -17230. Acaulescent or trunk creeping; fruit in a close cluster at surface of ground, red; fronds 10-15 ft, half being petiole, prickly. (Specimen A from one individual, the other three from a second; fruits appear to be same, but leaves a little different; the entire bunch of fruit goes with A.

the divided ones with other specimens). Forest.

Jan -17231. 4-5 ft. cephalone.

Penal Settlement, Road to Karrow Creek, Dec. 13, 1919.

/ 17232. Fruit red. Swamp in forest.

Scleria — 17233. Forest bank of Narrow Creek.

unrecog. - 17234. Succulent; fls. white; fruit dark purple, globose;
climbing on tree trunk in wet forest.

Ariz. — 17235. Swamp in forest by RALOW Creek.

17836. Tree, 25 ft., fls. whitish. Wet forest.

Penal settlement, road north along Azequibo River. Dec. 14, 1919.

Leucaena -17237. Tree, 40 ft. Sandy forest (= previous specimen with fruit)

2 = 17253. Vine trailing on bank of river; fls. purple.

Rutina 77840. Fls. light purple. Forest by river.

—17242. Woody vine; fls. greenish. " "

Peckhamia -17343. Tree or shrub 8-15 ft.; fls. white by river on tidal flat.

✓ -17244. Prostrate on open sandy ground.

Scanthus permianus australis (Zoffl.) Ktze.
 57847. Fls. white with pink lines. Tidal flat by river.

Scroph. " 17847. Fls. white with pink lobes. Local tree by river.

Section, junction of Manaruni and Mesquibo River. Dec. 15, 1919.

Leaves - 17248. Tree. 30 ft. Low forest.

✓ 17249. Woody vine, climbing on trees; fls. blue-purple. called
Petrea bracteata Steud.
"petraea". Low forest.

Maranta arundinacea L.

-31-

✓ 17251. 2-3 ft., fls. white. Forest in the hills.

Gnaphalium 17252. Vine, climbing on trees; fls. red. Forest in the hills.

Juncus 17254. Acaulescent; fronds 4 ft. long. (One specimen with base of petiole; all specimens from one frond). Upland forest.

Gluchina 17255. Climbing to height of 30 ft. Upland forest.

Cyperus 17256. Clambering over shrubs and trees, very sticky and cutting; festoons over vegetation along edge of forest, road or clearing, forming a complete covering. Called razor-grass. Lowland forest.

Selaginella 17257. Forming masses on floor of forest.

Legum. 17258. Tree, 12 ft. fls. yellow. Lowland forest.

Smilax 17259. Climbing on trees. Lowland forest.

Sponocia 17262. " " " and shrubs along road; fls. pinkish purple.
Bartica.

Scleria 17263. Along ditch near river.

2-X 17266. " "

2 17267. On river bank.

Vicinity of Bartica. Hills Estate to Kalacoon. Dec. 16, 1919.

Trema 17270. Small tree, 10 ft. Old field.

Solanum 17271. 6-8 ft.; fls. white. Old field near Kalacoon.

Hibiscus 17272. 3-5 ft. fls. bright pink. Low place in old field.

Rockstone on Essequibo R. 6 North. lat. Dec. 31, 1919.

2 17286. Climbing 15 ft. (only 3 spikes seen on the single plant.)

Mimosa Wet forest.

- Bromeliad.* -17288. On a low shrub; panicle 1 ft. long; specimens show only a portion of panicle. Sandy scrub.
- Malpigh.* -17289. Straggling shrub, more or less climbing or creeping. Sandy scrub.
- Sapindac.* -17290. Woody vine. Sandy scrub.
- Solanum* -17291. 4 ft. fls. pale blue and purple. Near old camp in sandy scrub.
- Bignoniac.* -17292. Woody vine; fls. pink-purple, in sandy scrub.
- Melastomac.* -17293. Shrub 1-2 ft.; fls. pale pink, nearly white, in sandy scrub.
- Schizasea* -17294. Pure white sand, sandy scrub.
- Eupatorium corymbosum Aubl.* -17295. 6 ft; fls. white, sandy scrub.
- Bignon.* -17296. Woody vine, fls. white, sandy scrub.
- Malpigh.* -17297. Shrub, 6 ft. fls. yellow, sandy scrub.
- Bignoniac.* -17298. Woody vine, fls. white, sandy scrub.
- Meliac.* -17300. Small tree, 15 ft., single here, erect trunk, 2-3 inches diam., fragile; crown of leaves large; terminal panicle 2-3 ft.; fls. yellow-green. (Specimen show single branches of panicle). Sandy scrub.
- Orchidac.* -17301. Terrestrial, 1-several bulbs with 1-2 leaf shoots; panicle from base, 2-4 ft. fls. yellow; bulb prickly, the midrib of old leaf-base forming the prickle. Sandy scrub.
- Malpigh.* -17302. Straggling shrub, 3-6 ft.; fls. yellow. Sandy scrub.
- Cyperac.* -17303. " "
- unrecog.* -17304. Tree or shrub, up to 20-30 ft., fls. white; common in sandy scrub.
- Lamiae.* -17305. Tree 20-30 ft. Sandy scrub.

- Eutrypa*. -17306. Tree 20 ft. Sandy scrub.
- unrecog.* -17307. Straggling or upright shrub, up to 10 ft.; fls. white, very fugaceous. Common in sandy scrub.
- ✓ *Norantia guayanensis* Aubl. -17308. Shrub 6-8 ft.; fls. red, very showy. Sandy forest.
- Legum.* -17309. Woody vine. Sandy scrub.
- Anac.* -17310. Tree, 20 ft., much frequented by ants, fls. green. Sandy scrub.
- Asclepiad.* -17311. Vine; fls. white. " "
- Rutiac.* -17312. Weed along Ry. in sand. " "

Rockstone, near Essequibo River, 6° North. Jan. 1, 1920.

- Melastom.* -17316. 10 ft. fls. pink. Along river bank.
- Melast.* -17317. Climbing in wet forest.
- Mussac.?* -17318. " " " "
- Vernonia* -17319. White sand along Ry.
- Selaginella* -17320. Wet forest.
- Marantac.* -17321. Fls. white, bracts pale brown. Wet forest, along railway.
- Melastomac.* -17323. 1-2 ft., blades purple or green beneath. Wet forest along railway.
- Melastomac.* -17324. Stem woody, creeping. " " "
- Psychotria?* -17325. Tree, 30 ft.; fls. and panicle branches yellow. Wet forest.
- Cucurbit.?* -17326. Vine, fls. red. Along Ry. Wet forest.
- Cephaelis* -17329. Shrub 3 ft.; fls. & bracts purple. Along Ry. Wet forest.
- 2-X -17330. Woody vine; fls. white with dark eye. Along Ry. Wet forest.

unrecog.

Tumatumari, on Potaro River, 5 20' N. lat. Jan. 3, 1920.

- Ardis.* -17337. Blades with pink spots. Open shade, near garden, probably escaped.

Trail from Tumatumari on Potaro River, southward to
Washerwoman Falls (5 20' N lat.)

- Bignoniac.* -17346. Tall tree or vine in wet virgin forest (flowers gathered from ground, tree not determined).
- Heliconia* -17347. 4-6 ft. Wet forest.
- Rubiace.* -17348. Shrub 6-8 ft; fls. yellow, waxy, whitish at tip; mostly single stems, flowers in axils of leaves and down the stem to the ground. Wet forest on hill.
- Burmann?*
or Liliac? -17349. Plant white; floor of virgin forest among leaves.
- Fern.* -17350. " " " " " " " "
- Orchid.* -17351. Plant white " " " " " "
- Melastom.* -17353. Along trail in forest.
- Rubiace.* -17354. Shrub, 6-10 ft; fls. white. Virgin forest.
- Fern* 3 17356. " "
- Urticac.* -17357. Small tree, 30 ft. " "
- Piper* -17358. Shrub, 10 ft. " "
- Melastom.* -17359. " "
- Urticac.* -17360. Weed along trail. " "
- Fern* -17361. " "
- Fern* -17362. " "
-

Tumatumari on Potaro River 5 20' N. lat. Jan. 4, 1920.

- Umeog. -17365. Small tree, 30 ft. Forest on hill.
 Acanth. -17366. 2 ft. fls. scarlet. Partial shade along river near dwelling.
 ✓
 Guanolit. -17367. Wood in garden.
 pennata (Desr.) Voigt.
 Umeog. -17368. Tree, 30 ft. Copse near river.
 Rubiac. -17369. fls. white. Low moist ground along trail in forest near river.

Trail from Tumatumari on Potaro River, Jan. 5, 1920,
 to Washerwoman Falls 5 20' N. lat.

- Umeog. -17370. Leaves and fruit from ground under tall tree in forest.
 Melastom. -17371. Shrub, 2-3 ft; fls. white. Forest, along stream.
 Melastom. -17372. 2 ft. " " " " "
 Aroid. -17373. Gregarious, large bunches; fls. yellow. Low open ground in forest by stream.
 Fern -17374. Climbing in forest.
 Guapol. -17375. 6 ft., mostly single stems, 2 or 3 from a common crown; fls. yellow. Forest by brook.
 Umeog. -17377. Along trail in forest.
 Umeog. -17378. Climbing on lower part of tree trunk, forest.
 Selaginella -17379. Along trail in forest.
 Umeog. -17380. Small tree, 20 ft. in forest.
 Cyperac. -17381. Along brook in forest, mostly in shallow water.
 Erodia -17382. Shrub, 8-10 ft.; fls. white. Along trail in forest.
 ✓
 Umeog. -17383. Along trail in forest, probably an old clearing.
 Umeog. -17384. Along trail in forest, probably an old clearing.

Potaro, 10 miles south of Potaro Landing 5 10' north lat.

59 W. long.

Jan. 7, 1920.

~~Melastom.~~ 217384. Small tree, 15 ft.; fls. pink. Forest near stream.

~~Heliconia~~ 217385.

" " "

~~Gesneriac.~~ 17386. Acaulescent, fls. white. Floor of forest along trail.

~~Melastom.~~ 17387. Shrub 8 ft. fls. yellowish. Forest near stream.

~~Euphorb.~~ 17388. Small tree, 8 ft. fls. white. Boggy place in clearing.

~~Bluff.~~ 17389. Tree, 30 ft., fls. dull yellowish. Forest.

~~Fern~~ 17390. Climbing along clay cliff.

No. 17391-17411 on new land made by dredge.

~~Archid.~~ / 17391. On branches of fallen tree.

~~Aroid.~~ / 17392. " " " " "

~~Trunp.~~ / 17393. Weed in yard.

~~Plur.~~ 17394. On branches of fallen tree.

~~Archid.~~ 17395. " " " " "

~~Archid.~~ 217396. " " " " "

~~Gesner.~~ 17397. Vine, fls. yellow, mottled with dull brown.

~~Piper~~ 17398. 5 ft.

~~Physalis~~ 17399. Weed in clearing.

~~Physalis~~ / 17400. " " "

~~Unaccog.~~ 17401. Succulent creeping vine; fls. white, tinged with pink; fruit black.

~~Unaccog.~~ 17402. Stem (with leaves) spiral, succulent; fls. and bracts red, on separate leafless stem, 2-5 ft.

Erechtites -17403. Weed in clearing.

Melastoma -17404. 2-3 ft.; fls. white, bract and pedicels red.

Passiflora -17405. Vine; fls. blue.

Annona -17406. Tree, 40 ft.; fls. yellowish, greenish at first. Forest.

Rockstone on Essequibo River, 6 North lat. Jan. 8, 1920.

Rubiac. -17412. Tree 30 ft.; fls. white. Along river, overhanging water.

West bank of Demerara River, opposite Akyna 5 9' North
lat. Jan. 9, 1920.

Melastoma -17414. Vine, fl. yellow, much visited by ants. Hillside.

Mimosa -17415. Tree, 20 ft. Hillside, in clearing.

Cyperac. -17417. Along brook.

Solanum -17418. Shrub, 8 ft. Shady hillside, clearing.

Acacia -17419. " or small tree, 10-20 ft.; fls. scarlet. Hillside.

Wulffia -17420. 10 ft. Open shade, hillside.
Stenoglossa (can.) 20

Trema -17422. Tree, 20 ft. Clearing on hillside.

Mikania -17425. Straggling shrub, 5-6 ft., fls. white. Open woods (clearing)
Hillside.

Convolvulac. -17426. Vine, fls. white. Open woods (clearing). Hillside.

Physalis -17428. Wet clearing.

-17432. " woods.

Heliconia

East bank of Demerara R. Akyna. 5 9' North lat. Jan. 10, 1920.

-17440. Wet soil near river.

Sporoxia -17441. fls. white. Creeping over new soil. Bauxite mine.

- Fern* -17442. New soil, Bauxite mine.
- Sponesia* -17443. Creeping over new soil, Bauxite mine.
- Melastoma* -17444. Climbing on bushes, wet soil near river.
- Unrecog.* -17445. Straggling shrub; fls. white. Wet soil near river.
- Rubiac.* -17448. Prostrate; fls. blue. Wet forest.
- Orchid.* -17449. On trunk of fallen tree. " "
- Apocyn.?* -17450. Tree, 30 ft. fls. yellow. " "
- Heliconia* -17452. 6 ft. " "
- Heliconia* -17453. Blades wider than in 17452, bracts shorter and wider. Wet forest.

Mackenzie on the Demerara R. 6 North Jan. 11, 1920.

- Melastoma* -17455. Weed in moist grassland.
- Portulaca* ✓ -17456. " " " "
- spicata Aubl.*

Morawhenna, Northwestern District, 8 15' North, 59 45' West. Jan. 14, 1920.

- Peperomia* -17478. On trunk of tree near dwelling.
- Thunbergia* ✓ -17481. Climbing over shrubs, near dwelling (probably escaped from cult.)
- grandiflora Rept.*
- Legum.* -17482. Tree, 30 ft., along shore, back of mangroves.
- C. p. p.* ✓ -17484. Fls. yellow; weed in field.
- johanna (d.) Benth.*
- Signon.* -17485. Vine on tree; fls. with yellow tube and white limb.
- Unrecog.* -17486. Tree, 20 ft. Along Barima River.
- Solanum* -17487. Vine; fls. purple. Along Barima River.

- ✓ -17488. 5-7 ft. back of mangroves. Along Barima River.
- Passiflora* -17489. Climbing high on trees back of mangroves, fls. red.
- ~~Unrecog.~~ ^{gametophyte} 21 X -17491. Fls. red-pink; tree. " " "
- Peperomia* -17492. On base of tree near mangroves. *Small of slippery elm*
- Fern* -17494. 4-5 ft. tall; 3-fid, the outer two again 2-fid; (only part in each specimen). Back of mangroves.
- Malpigh* -17495. Vine " " "
- Sporoclea* -17496. fls. purple. Climbing " " "
- Cucurbit.* -17498. " salmon-red. " " "
- Cucurbit.?* 3 -17499. Vine, fls. red. " " "
- Apreyn.* -17500. " " yellow with orange center. Back of mangroves.
- Melastom.* -17501. Shrub, 12 ft. Along Barima River.
- Unrecog.* -17502. Tree, 25 ft. near mangroves.
- Legum.* -17503. " 20 ft. " "
- Smilax* -17504. Climbing back of mangroves.
- Sola* -17507. fls. white; 5-6 ft. near mangroves.
- Centropogon* ^{surinamensis (L.) Presl.} -17508. " red. Among mangroves.
- Sapind.* -17509. Vine near mangroves.
- Convolv.* -17510. " " "
- Urticifera* -17511. " " "
- Ipomoea* -17513. Creeping and climbing. Dike of marsh.
- Convolv.* -17514. Straggling shrub; fls. red-pink. In mangroves.
- Sesuvium* -17515. Vine near mangroves.
- Rubiac.?* -17516. Tree 30 by mangroves.
- Unrecog.* -17517. Tree, 20 ft. " "

- Eubiac. -17519. Tree 20 ft. By mangroves.
- Rubiac. -17520. Shrub, 6 ft; fls. yellow, inflorescence red. By mangroves.
- Legum. -17521. Tree 30 ft. " "
- Loranth. -17522. Vine " "
- Loranth. -17523. On tree. *Phoradendron carinatum* Treb. " "
- Unrecog. -17524. "Crabwood" tree, 15 ft. " "
- ~~Combret.~~ ^{Combret.} -17525. Shrub or tree 10-15 ft. fls. red. " "
- Cactus -17526. Climbing on tree. " "
- Legum. -17527. Tree. " "
- Bignon. -17528. " " " "
- Melip. -17529. Large shrub, 6-12 ft. " "
- Ficus -17530. Tree, 30 ft. " "
- Unrecog. -17531. Tree " "
- Meliac. -17532. " , 30 ft. " "
- Unrecog. -17533. Vine " "
- Ficus -17534. Shrub, 8 ft. " "
- Legum. -17535. " 6 ft., along ditch " "
- Ficus -17536. " " " " " " " "
- Unrecog. -17537. Tree, 25 ft. " "
- Legum. -17538. " " " "
- Ficus -17539. " 30 ft. " "

Isserora on Aruka R. 8 10' North. 59 50' W. Jan. 16, 1920.

Eupatorium macrophyllum L.
-17540. 5 ft. Clearing.

Laurac. -17541. Tree, 30 ft.; pedicels red; Hill forest.

/ 17543. Said to be fish-poison. Clearing on hill.

~~Clitastium~~

- Bign.* -17544. Shrub 4-6 ft. Clearing on hill.
Bign. -17545. Vine, fls. white " " "
Bign. -17546. " " yellowish, limb nearly white. Clearing on hill.
Boerhaavia ^V *candata* ^{H&K} -17549. Rays pink. " " "
Conocarpus -17550. Tree, 30 ft. Hill forest.
Eucalyptus -17551. Vine, fls. yellow, clearing on hill.
Cyperac. -17552. In forest and clearing on hill.
Rubiac. -17556. Small tree or straggling shrub, 15 ft. Forest on hill.

Jan. 17, 1920.

- Dioscorea* -17559. Wet forest.
Eordia -17560. Tree, 30 ft. Wet forest.
Malpigh. -17561. Vine, fls. yellow, with orange center. Wet forest.
Conocarpus -17563. Tree, 30 ft. " "
Acanthac. -17564. Shrub, 2-5 ft.; fls. red, edge of wet forest.
Euphorb. -17565. Weed in low ground.
Commac. -17566. 10-15 ft.; blades 3-5 ft. long; inflorescence red, on short stalks; caps full of water. Wet forest.
 17563. Tree, 30 ft. " "
 17564. Shrub, 2-5 ft.; fls. red, edge of wet forest.
 17565. Weed in low ground, edge of wet forest.
Heliconia 17566. 10-15 ft.; blades 3-5 ft. long; inflorescence red, on short stalks; caps full of water. Wet forest.
Orchid. -17569. Terrestrial, several bulbs or small tubers. Wet field.

- Aroid. -17570. Spathe nearly flat, spreading, white above, green below; spadix white. Swamp.
- Polypod. -17571. Tree, 20 ft., fls. pink. Wet forest.
- Malvaceae. -17572. " " " " "
- Urticaceae. -17573. " 30 " ; fruit scarlet, obovoid. Wet forest.
- Urticaceae. -17574. " 20 " ; " dark purple, elliptic. Wet forest.
- Apocynaceae. -17575. Shrub, 10 ft.; wet forest.
- Cissampelos. -17576. Vine. " "
- Rubiaceae. -17578. Small tree, 10 ft. wet forest.
- Apocynaceae. -17579. " " 10 ft. " "
- Rubiaceae. -17580. 2-3 ft.; fruit scarlet " "
- Euphorbiaceae. -17581. 5 ft., along brook.
- Urticaceae. -17582. Stinging hairs fierce. Edge of forest on hill.
- Monocot. -17584. Wet field
- Leguminosae. -17586. Straggling, 4 ft. Wet forest.

Portage between Aruan and Yarikite Rivers, 8 N. 59 55'

West, Jan. 17, 1920.

- Fern -17591. On tree trunk in forest.
- Samolaceae. -17592. Shrub 3-5 ft. " "
- Bromel. / 17593. On tree trunk. " "
- Scrophulariaceae. -17595. Vine climbing on lower part of tree trunk or creeping on ground; fls. white.
- / 17596. Shrub 3-5 ft., fls. scarlet (collected before but this a larger specimen).
- Orchid. -17597. Larger specimen).

- Rubiace. -17597. Creeping in open shady ground along trail.
 Rapanea -17598. Creeping or climbing on branches of shrub.
 Rapanea / 17599. On tree trunk.
 Amaryllid. / 17600 Leaf (lost) elliptic. Moist ground.
 Unrecog. -17601. Creeping or climbing vine; fls. yellow with brown spots or mottlings.

Yarikita River and at Yarikita. Police Station at mouth of
Yarikita. (A few collections made on Venezuelan side of Ama-
kura River as noted) 8 2' N. 60 West. Jan. 17-18, 1920.

- Smilac. -17602. Climbing on trees at Y Police Sta.
 Pontederiac. -17603. Fls. blue, round leaves floating, in Amakura R.
 Unrecog. -17604. Climbing over weeds in clearing; fls. yellow.
 Orchid. -17605. On overhanging dead tree, along Amakura R.
 Melastom. -17606. Shrub 4-6 ft. fls. white. Forest.
 Euphorbiaceae -17607. 6 ft. fls. white; fish poison, the leaves used. Clearing at Indian settlement.
 Sternodiaceae -17608. Weed in clearing.
 Labiat. -17609. " " "
 Solanum -17611. Shrubby 5-8 ft. fls. white, weed in clearing.
 Unrecog. / 17612. Tree along Amakura river.
 Unrecog. -17613. " " " "
 Legum.? / 17614. " " " "
 Euphorbiaceae? -17615. " " " "
 Euphorbiaceae. -17616. " " " "
 Bignon. -17617. Vine, climbing high along Amakura R. fls. purple or magenta.
 Unrecog. -17618. Tree along Amakura R. Venezuelan side.
 Unrecog. -17619. " " " " " "

Utricularia -17620. In Amakura R.

Eutiferac? -17621. Tree along Amakura R.; fruit the size, shape and appearance of onions, white and shining; dried brown (separate pkg.)

Unrecog. -17622. Tree, fls. white; along Amakura R. Venezuelan side.

Melastom. -17624. Shrub, 10 ft. Forest.

Orchid. 2 17625. On overhanging tree along Amakura R. (This looks like mixture but all growing together). 2 sheets

Orchid. 17625-6

Orchid / 17626. On overhanging dead tree along Amakura R.

Orchid. / 17627. " " " " " "

Orchid. 2 17628. " " " " " "

Orchid / 17629. " " " " " "

Orchid. / 17630. " " " " " "

Bromeliac. -17631. Fr. scarlet; 4 specimens from 1 panicle. On dead tree along Amakura R.

Bromeliac.

-17632. 4 specimens from 1 panicle on dead tree along Amakura R.

Bromeliac.

-17633. " " " " " " " " " "

Unrecog. -17634. Fruit dehiscent; tree along Amakura R.

Legum. -17635. " " " "

Bromeliac. / 17636. On overhanging tree, along Amakura R.

Orchid / 17637. " " " " " "

Unrecog. -17638. Tree " " "

Fern -17639. On overhanging tree along Amakura R.

Unrecog. -17640. Shrub along Amakura R.

Malpigh. -17641. Tree " " "

/ 17642. Vine on overhanging tree, along Amakura R.

Mucuna

Pods pendent.

- Fern -17643. On overhanging tree along Amakura R.
- Orchid. / 17644. Fls. pink. On overhanging tree along Amakura R.
- Orchid. / 17645. " " " " " " "
- Orchid 2 17646. " " " " " " "
- Portulacaceae -17648. Water hyacinth, fls. blue; colonies floating in Yarikita R.
- Polypet. -17649. Tree along Yarikita R.
- Melastom. (✓) -17650. Climbing vine along Yarikita R.
S. + B. R.
- Inga / 17651. Tree " " "
- Polypet. -17652. On protruding roots or tussocks along Yarikita R.
- Melastom 2 17653. " " "
- Bacopa (✓) -17654. In water " " "
- aquatica Aubl.
- Ruychica (✓) -17655. Tree " " "
- guyanensis (Aubl.) Vitm.
- Unrecog. -17656. Common along Yarikita R. I could not determine (from boat) whether this was a vine or a tree with long pendent branches. Branches hanging, blades conspicuously distichous, the inflorescence hanging at end. Some of sterile branches produced long whip-like tangling ends with different leaves as shown in specimens.
- Unrecog. -17657. Tree along Y river.
- Unrecog. 3 17658. Fish poison. Clearing.
- 17659. Tree along Y river.
- Myrsinephyllum

847 sheets.
3 " dupes.
850

No specimens you wd for
numbers. 17145
17210
17563
17564
17565
17566

Plants of British Guiana, coll. A. S. Hitchcock, 1919.

- 16530 *Cassia reticulata* Willd.
 16531 *Cissus sicyoides* L.
 16541 *Eupatorium odoratum* L.
 16544 *Cabomba aquatica* Aubl.
 16546 *Cassia fruticosa* Mill.
 16553 *Crotalaria retusa* L.
 16562 ^s*Thepesia populnea* (L.) ^{rr}Co~~rr~~.
 16565 *Avicennia nitida* Jacq.
 16566 *Batis maritima* L.
 16568 ^{alceacifolia}*Malachra* ~~fastigiata~~ Jacq.
 16571 *Ipomoea pes-Caprae* (L.) Sw.
 16572 *Heliotropium curassavicum* L.
 16584 ^m*Stenodia* ~~perviflora~~ Ait.
 16587 *Rivina humilis* L.
 16592 *Cleome aculeata* L.
 16592 a *Cleome serrata* Jacq.
 16593 *Priva lappulacea* (L.) Pers.
 16594 *Eleutheranthera ruderalis* (Sw.) Sch.Bip.
 16600 *Oldenlandia corymbosa* L.
 16602 *Smilax monchifolia* (L.) DC.
 16608 *Petiveria alliacea* L.
 16610 *Achyranthes indica* (L.) Mill.
 16616 *Sphenoclea zeylanica* Gaertn.
 16618 *Eichornia paniculata* Spreng.
 16619 ⁿ*Hydrocleis* ~~nymphoides~~ (Willd.) Buchenau.
 16621 *Sparganthus Vaillantii* Crantz.
 16623 ^h*Corchorus* ^h~~acutangulus~~ Lam.
 16625 *Rolandra argentea* Rottb.
 16627 ^c*Malachra* ~~fastigiata~~ Jacq.

E. P. K. Eulciad.

DEC 4-

- 16628 *Hedychium coronarium* Retz.
16630 *Helipta alba* (L.) Hassk.
= 16631 *Hydrolea spinosa* L.
16634 *Lindernia crustacea* (L.) P. von Muell.
16635 *Crepis japonica* (L.) Benth.
16643 *Cassia* ^{*Fora*} ~~*obtusifolia*~~ L.
16645 *Capraria biflora* L.
16648 *Cissus sicyoides* L.
16649 *Eupatorium odoratum* L.
16653 *Thunbergia alata* Boj.
16657 *Stachytarpheton cayennensis* (Rich.) Vahl.
16662 *Lantana Camara* L.
16679 *Laguncularia racemosa* Gaertn. f.
16684 *Heliotropium indicum* L.
16697 *Amaranthus spinosus* L.
16699 *Spigelia Anthelmia* L.
16701 *Caperonia palustris* (L.) St.Hil.
16704 *Alysicarpus nummularifolius* (L.) DC.
16705 *Cassia* ^{*Fora*} ~~*obtusifolia*~~ L.
16714 *Emilia sagittata* (Vahl.) DC.
16727 *Cardiospermum microcarpum* HBK.
16732 *Caperonia palustris* (L.) St.Hil.
16745 *Scoparia dulcis* L.
16749 *Coutoubea ramosa* Aubl., var. *vulgaris* Benth.
16766 *Belumbo nucifera* Gaertn.
16773 *Priva lappulacea* (L.) Pers.
16775 *Lantana trifolia* L.
16777 *Cassia alata* L.
16780 *Malachra* ^{*alccacfolia*} ~~*fasciata*~~ Jacq.

- 16782 *Neptunia prostrata* (Lam.) Baill.
16783 *Sesamum indicum* L.
16788 *Jatropha gossypifolia* L., var. *staphysagrifolia* Kuehl. Arg.
16793 *Alamanda cathartica* L.
16802 *Mimosa* ^{*pigra*} ~~*separata*~~ L.
16822 *Hibiscus tiliaceus* L.
16825 *Thunbergia alata* Boj.
16830 *Leucaena glauca* (L.) Benth.
16840 *Rhizophora Mangle* L.
16861 *Tonina fluviatilis* Aubl.
16867 *Eymphoides Humboldtianum* (HBK.) Kuntze.
16875 *Clibadium surinamense* L.
16885 *Nikania micrantha* HBK.
16901 *Chelonanthus chelonoides* (L. f.) Gilg.
16958 *Irlbachia coerulescens* (Aubl.) Griseb.
16970 *Contoubea ramosa* Aubl., var. *racemosa* Benth.
16989 *Rapatea paludosa* Aubl.
17002 *Sauvagesia erecta* L.
17016 *Nikania micrantha* HBK.
17021 *Clibadium surinamense* L.
17038 *Bacopa aquatica* Aubl.
17054 *Sauvagesia erecta* L.
17055 *Contoubea ramosa* Aubl. var. *vulgaris* Benth.
17057 *Lycopodium cernuum* L.
17061 *Hirtella americana* L.
17063 *Hirtella hirsuta* Lam.
17092 *Contoubea ramosa* Aubl., var. *racemosa* Benth.
17096 *Lindernia diffusa* (L.) Wettst.
17115 *Microtea debilis* Sw.

- 17126 *Ischnosiphon obliquus* (Rudge) Körn.
17169 *Bellucia grossularioides* (L.) Triana
17170 *Vochysia curvata* Klotzsch
17171 *Anacardium occidentale* L.
17174 *Spigelia ~~anthelmia~~ L. sp., not S. Anthelmia L.*
17184 *Cephaelis tomentosa* (Aubl.) Vahl.
17185 *Bidens leucantha* (L.) Willd.
17186 *Maranta arundinacea* L.
17197 *Alexandra cathartica* L.
17220 *Polypodium angustifolium* Sw.
17221 *Polypodium Phyllitidis* L.
17227 *Lycopodium cernuum* L.
17244 *Acanthospermum australe* (Loefl.) Ktze.
17249 *Petrea bracteata* Steud.
17251 *Maranta arundinacea* L.
17295 *Eupatorium corymbosum* Aubl.
17308 *Rorantia guayanensis* Aubl.
17367 *Quamoclit pennata* (Desv.) Voigt.
17383 *Phytolac^{ca} ~~lespedeza~~ L. rivinoides Kunth & Bouché.*
17420 *Wulffia stenoglossa* (Cass.) DC.
17456 *Coutoubea spicata* Aubl.
17481 *Thunbergia grandiflora* Roxb.
17484 *Crepis japonica* (L.) Benth.
17488 *Eupatorium macrophyllum* L.
17508 *Centropogon surinamensis* (L.) Presl.
17540 *Eupatorium macrophyllum* L.
17549 *Cosmos caudata* HBK.
17608 *Stemodia parviflora* Ait.
~~17650 *Mikania Guaco* HBK.~~
17654 *Bacopa aquatica* Aubl.
17655 *Ruyschia guyannensis*
(Aubl.) Vitm.

in 14 books

Prof. A. S. Hitchcock's Plants of British Guiana.
Corrections sent to U. S. Nat. Museum
26 Nov. 1920

- 16623 *Corchorus acutangulus* Lam.
- 16584 *Stemodia parviflora* Ait.
- 16562 *Thespesia populnea* (L.) Corr.
- 17174 *Spigelia* sp. not *S. Anthelmia* L.
- 16705 *Cassia Tora* L.
- 16643 " " "
- 16568 *Malachra alceaefolia* Jacq.
- 16780 " " "
- 17383 *Phytolacca rivinoides* Kunth & Bouché
- 16802 *Mimosa pigra* L.
- 16627 *Malachra fasciata* Jacq.
- 16619 *Hydrocleis nymphoides* (Willd.) Buchenau

16804 ✓

16884 ✓

16992 ✓

17301 ✓

17351 ✓

17371

17394

17394 ✓

17396

17449 ✓

17589 ✓

17608 ✓

17625

17625 ✓

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17637

17644

17645

17646

nos. marked ✓

Orchids from Hitchcock's
Plants of Guiana set 4, sent to
Mr. Ames 7 Dec. 1920

Hitchcock's Plants of British Guiana

ORCHIDACEAE det. O. Ames

- 16804 *Polystachya minuta* Britton *luteola* Hook. ✓
16884 *Habenaria longicauda* W. Hook. ✓
17301 *Cyrtopodium Andersonii* (Lambert) R. Br. ✓
17351 *Wulfschlaegelia aphylla* Reichb. f. aff. *calcarata* Benth. ✓
17391 *Ornithocephalus* sp. allied with *O. ciliatus* Lindl. ✓
17395 *Camaridium ochroleucum* Lindl. ✓
17396 *Epidendrum diffforme* Jacq. ✓
17449 *Stelis ophioglossoides* Sw. ✓
17569 *Eulophia alta* (L.) Fawc. & Rendle ✓
17605 *Camaridium ochroleucum* Lindl. ✓
17625 *Scaphyglottis prolifera* Cogn. ✓
17625b *Epidendrum strobiliferum* Reichb. f. ✓
17626 " *nocturnum* Jacq. ✓
17627 *Scaphyglottis* sp.
17628 *Seraphyta diffusa* (Sw.) F. & M.? (Fruiting material inadequate for a sure diagnosis)
17629 *Epidendrum rigidum* Jacq. ✓
17630 *Epidendrum* *variegatum* Hook. ✓
~~*cochlidium* L. (Material inadequate for a sure diagnosis)~~
17637 *Maxillaria sessilis* Fawc. & Rendle *villosa* Cogn. ✓
17644 *Epidendrum imatophyllum* Lindl. ✓
17645 " , related to *E. nocturnum* Jacq.
17646 " *nocturnum* Jacq. ✓

in G.S. +
in book.

A. S. Hitchcock's Plants of British Guiana

det. B. L. Robinson

- 16659 Phthirusa theobromae (Willd.) Eichl.
16708 Loranthus pyrifolius HBK.
16709 Mikania micrantha HBK., forma congesta (DC.) Robinson
17175 Oryctanthus ruficaulis Eichl.
17425 Mikania scabra DC.
17444 " micrantha HBK., forma congesta (DC.) Robinson
17522 Lotanthus pyrifolius HBK.

det. C. A. Weatherby

- 16540 Azolla caroliniana Willd.
16556 Salvinia auriculata Aubl.

det. H. St. John

- 16532 Elodia guyannensis Richard

BRITISH GUIANA PTERIDOPHYTA COLLECTED BY A. S. HITCHCOCK,
determined by W. R. Maxon.

- ✓16533. *Ceratopteris pteridoides* (Hook.) Hieron.
- ✓16540. *Azolla caroliniana* Willd.
- ✓16556. *Salvinia auriculata* Aubl.
- ✓16666. *Acrostichum aureum* L.
- ✓16876. *Lygodium expansum* Desv.?
- ✓16886. *Nephrolepis biserrata* (Sw.) Schott.
- ✓16926. *Polypodium persicariaefolium* Schrad.
- ✓16930. *Actinostachys pennula* (Sw.) Hook.
- ✓17015. *Blechnum serrulatum* Rich.
- ✓17031. *Pteridium* sp.
- ✓17050. *Pityrogramma calomelaena* (L.) Link.
- ✓17078. *Polypodium* sp., near *P. lycopodioides* L.
- ✓17122. *Dryopteris protensa* (Afz.) C. Chr.
- ✓17124. *Cyclodium meniscoides* (Willd.) Presl.
- ✓17133. *Vittaria lineata* (L.) J. E. Smith.
- ✓17153 1/2. *Lycopodium meridionale* Und. & Lloyd.
- ✓17157. *Alsophila microdonta* Desv.
- ✓17220. *Polypodium percussum* Cav.
- ✓17221. " *phyllitidis* L.
- ✓17223. *Dicranopteris pectinata* (Willd.) Underw.
- 17227. *Lycopodium cernuum* L.
- ✓17231. *Alsophila blechnoides* (Rich.) Hook.
- ✓17254. *Hemitelia parkeri* Hook.
- ✓17255. *Dicranopteris pectinata* (Willd.) Underw.
- ✓17257. *Selaginella affinis* A. Br.
- ✓17294. *Schizaea incurvata* Schkahr.
- ✓17320. *Selaginella* sp.
- ✓17350. *Alsophila blechnoides* (Rich.) Hook.
- ✓17356. *Lindsaya lancea* (L.) Bedd.
- ✓17359. *Adiantum terminatum* Kunze.
- ✓17361. " *glaucescens* Kl.?
- ✓17362. *Dryopteris protensa* (Afz.) C. Chr.
- ✓17374. *Salpichlaena volubilis* (L.) J. Sm.
- ✓17377. *Adiantum olivaceum* Baker.
- ✓17379. *Selaginella* sp.
- ✓17390. *Dicranopteris remota* (Kaulf.) Maxon.
- ✓17442. *Pityrogramma calomelaena* (L.) Link.
- ✓17494. *Pteris* sp., group of *P. podophylla* Sw.
- ✓17591. *Asplenium falcinellum* Maxon.
- ✓17639. *Polypodium prominulum* (Maxon) C. Chr.
- ✓17643. " *ciliatum* Willd.

✓Hitchcock 16948. *Codonanthe confusa* Sandwith

A. S. Hitchcock, British Guiana and Ecuador.

- ✓16811. *Urospatha hostmannii* Schott
- ✓16865. " *sagittifolia* (Rösch.) Schott
- 17381. *Thurnia sphaerocephala* (Rudge) Hook. f. (*Rapatea sphaerocephala*)
- 17657. *Ouratea sagoti* v. Tiegh

- ✓ 17128. Dioclea - [D. glabra Benth? - not matched at New York]
- ✓ 16698. Canavali - ~~ask Piper~~
- ✓ 16828. Phaseolus lathyroides L.
- ✓ 16730. Phaseolus ? - not matched at New York
- ✓ 16774. Croton lobatus L.

Lentibulariaceae - [Det. Barnhart]

- ✓ 17007. Stomosis juncea (Vahl) Barnh. " "
- ✓ 16941. " " " " " "
- ✓ 16538. Utricularia obtusa Sw. " "
- ✓ 16869. Utricularia mixta Barnh.
- ✓ 17620. Utricularia - near U. mixta
- ✓ 16539. Utricularia foliosa L.
- ✓ 17005. Setiscapella -
- ✓ 16895. Vesciculina -

in A. H. Book.

Hitchcock's British Guiana Plants det. by S. F. Blake

- ✓ 17103 Geissopappus caleoides (DC.) Benth.
- ✓ 17543 Clibadium sylvestre (Aubl.) Baill. - *not in N. Y. det*
- ✓ 16881 Polygonium acuminatum HBK.
- ✓ 16685 Erigeron bonariensis L.
- ✓ 16765 Wulffia baccata (L.f.) Kuntze.
- ✓ 17032 Melampodium camphoratum (L.f.) Baker
- ✓ 17214 Geissopappus caleoides (DC.) Benth.
- ✓ 17403 Erechites hieracifolia (L.) Raf.
- ✓ 17607 Clibadium sylvestre (Aubl.) Baill.

Mary Thau Ks

HITCHCOCK, BRITISH GUIANA

[H. Britton]

- ✓ 16988. *Carludovica subacaulis* Kunth.
- ✓ 17088. *Triumfetta semitriloba* Jacq.
- ✓ 17576. *Cissampelos* - not matched at N. Y.
- ✓ 17603. *Piaropus diversifolius* (Vahl)
- ✓ 17093. *Bombax aquaticum* (Aubl.) Schum.
- ✓ 17237. *Tapirira guianensis* Aubl.
- ✓ 17138. *Rauwolfia* - N. Y. specimen incomplete.
- ✓ 17300. *Simarouba?* N. Y. specimens foliage only.
- ✓ 17106. *Phyllanthus Schomburgkianus* Muell. Arg.
- ✓ 17445. *Pavonia Typhalaea* (L.) Cav.
- ✓ 16700. *Acalypha* = Jenman 5366. Not named at N. Y.
- ✓ 17551. *Melothria fluminensis* Gardn.
- ✓ 17382. *Varronia guianensis* Desv.
- ✓ 16882. *Hyptis* - not matched at N. Y.
- ✓ 17306. *Ternstroemia* - not matched at N. Y.
- ✓ 17496. *Ipomoea Batatas* (L.) Lam.
- ✓ 17443. " " " "
- ✓ 16723. " *Cairica* (L.) Sweet
- ✓ 17513. " *paniculata* (L.) R. Br.
- ✓ 16794. " near *I. tiliacea*
- ✓ 17262. " not matched at N. Y.
- ✓ 17584. " " " " "
- ✓ 17325. *Palicourea* - ask Standley
- ✓ 17503. *Connarus* - perhaps *C. Schomburgkii* Planch.
- ✓ 17426. *Jacquemontia* - not matched at N. Y.
- ✓ 17563. *Cordia umbraculifera* DC.
- ✓ 17613. *Hippocratea* (*volubilis* L.?)
- ✓ 16955. *Lisianthus* - not matched at N. Y.

- ✓ 16903. *Castalia odorata* (Dryand.) Woodv. & Wood.
- ✓ 17109. *Myrcia* - not matched at N. Y.
- ✓ 17139. " " " " " "
- ✓ 17373. *Spathanthus unilateralis* (Rudge) Desv.
- ✓ 17004. *Drosera* (*intermedia* Hayne?)
- ✓ 16942. " *capillaris* Poir.
- ✓ 17048. *Xyris Jupicai* L. C. Rich.
- ✓ 16890. " " " " "
- ✓ 17036. " " " " "
- ✓ 16892. " - not studied at N. Y.
- ✓ 16806. *Crinum Commelyni* Jacq.
- ✓ 17075. *Syngonanthus caulescens* (Poir.) Ruhl.
- ✓ 16946. " *umbellatus* (Lam.) Ruhl.
- ✓ 17380. *Mabea* - not matched at N. Y.
- ✓ 17412. *Posoqueria* - not matched at N. Y.
- ✓ 17084. *Tapura guianensis* Aubl.
- ✓ 16700. *Acalypha* - see *A. crenata* Hochst.
- ✓ 17123. *Paypayrola guianensis* Aubl.
- ✓ 17450. " " "
- ✓ 16683. *Torrubia* - ask Standley
- ✓ 17550. *Torrubia* " "
- ✓ 17143. *Clusia?* not matched at N. Y.
- ✓ 17618. " " " " " "
- ✓ 17634. " ? " " " "
- ✓ 17388. " - near *nemorosa*?
- ✓ 17615. " " " ?
- ✓ 17621. " *grandiflora* Splitz.
- ✓ 17616. " *palmicida* L. C. Rich.
- ✓ 17236. *Tovomita guianensis* Aubl. (from description)
- ✓ 16931. " - not matched at N. Y.
- ✓ 17378. *Carludovica* - not matched at N. Y.

- ✓ 16811. *Urospatha* - not matched at N. Y.
- ✓ 16967. " " " " "
- ✓ 17566. *Bihai Bihai* (L.) Griggs
- ✓ 16664a. " *Psittacorum* (L.f.) Kuntze
- ✓ 16975. " " " " "
- ✓ 17347. " - not matched at N. Y.
- ✓ 17453. " " " " "
- ✓ 17571. *Securidaca* - ask Blake
- ✓ 17656. *Marcgravia coriacea* Vahl
- ✓ 17419. *Aphelandra* - near *pectinata*

Solanaceae - det. Rydberg

- ✓ 17291. *Solanum* - not matched at N. Y.
- ✓ 16680. " *nigrum* L.
- ✓ 17507. " *asperum* L. C. Rich.
- ✓ 17131. " *heterophyllum* Lam.
- ✓ 16786. " *aculeatissimum* Jacq.
- ✓ 17611. " *salviaefolium* Lam.
- ✓ 16731. " *stramoniifolium* Jacq.
- ✓ 16655. " " " "
- ✓ 17271. " *rugosum* Dunal
- ✓ 17203. " *surinamense* Steud.
- ✓ 16624. " *jamaicense* Mill.
- ✓ 17487. *Cyphomandra*?
- ✓ 17428. *Physalis pubescens* L.
- ✓ 16703. " *angulata* L.
- ✓ 17399. " *capsicifolia* Dunal.

Sedges - det. at Kew by N. E. Brown

- ✓ 17140. *Hypolytrum sylvaticum* Poepp. & Endl.
- ✓ 16996. " *amplum* Poepp. & Kunth.

✓ 17303. *Cryptangium leptocladum* Boeckl.

✓ 16907. *Lagenocarpus guianensis* Nees.

Vernonieae - det. Gleason

✓ 16650 *Vernonia scorpioides* (Lam.) Pers.

✓ 17027. " " " "

✓ 17319. " - not matched at N. Y.

✓ 16751. *Elephantopus mollis* H.B.K.

✓ 16971. " " " " "

in K. H.
[det. N. L. Britton]

HITCHCOCK, BRITISH GUIANA

- ↓ 17609. *Ocimum micranthum* Willd.
✓ 16567. *Sesuvium portulacastrum* L.
✓ 16718. *Dolicholus minimus* (L.) Medic
✓ 16660. *Wedelia trilobata* (L.) Hitchc.
✓ 16712. *Leonotis nepetaefolia* (L.) R. Br.
✓ 17526. *Epiphyllum Phyllanthus* (L.) Haw.
✓ 16575. *Peperomia pellucida* (L.) H.B.K.
✓ 16681. *Ruellia tuberosa* L.
✓ 17019. *Eryngium foetidum* L.
✓ 16590. *Portulaca oleracea* L.
✓ 16560. *Asclepias curassavica* L.
✓ 16654. *Sida rhombifolia* L.
✓ 16647. *Momordica Charantia* L.
✓ 16789 " " "
✓ 17039. *Conobea aquatica* Aubl.
✓ 17013. *Torenia crustacea* (L.) C. & S.
✓ 16799. *Oldenlandia herbacea* (L.) DC.
✓ 16696. *Typha angustifolia* L.
✓ 16578. *Chamaesyce hypericifolia* (L.) Millsp. *Euphorbia hypericifolia* L.
✓ 16644. *Indigofera suffruticosa* Mill.
✓ 16719. *Bidens cynapiifolia* H.B.K.
✓ 16785. *Calotropis procera* (Ait.) R. Br.
✓ 16776. *Quisqualis indica* L.
✓ 16707. *Malache scabra* B. Vogel
✓ 16883. *Chrysobalanus Icaco* L.
✓ 16690. *Ipomoea reptans* Poir.
✓ 16716. *Ipomoea polyanthes* R. & S.
✓ 16588. *Chamaesyce hirta* (L.) Millsp. *Euphorbia hirta* L.
✓ 17020. *Passiflora foetida* L.

- ✓ 17181. *Passiflora foetida* L.
 ✓ 16557. *Vachellia Farnesiana* (L.) W. & A. *Acacia Farnesiana* L.
 ✓ 16640. *Aeschynomene sensitiva* Sw.
 ✓ 16728. " " "
 ✓ 16638. *Acuan virgatum* (L.) Medic *Desmanthus virgatus* (L.)
 ✓ 16837. *Alysicarpus nummulariaefolius* (L.) DC.
 ✓ 16626. *Sesban^{ia} sericea* (Willd.) DC.
 ✓ 17071. *Meibomia barbata* (Sw.) Kuntze *Desmodium barbatum* (Sw.) Benth.
 ✓ 17097. " " " " " " "
 ✓ 16687. *Meibomia triflora* (L.) Kuntze " *triflorum* (L.) DC.
 ✓ 17100. " " " " " " "
 ✓ 16651. *Meibomia supina* (Sw.) Britton " *supinum* (Sw.) DC.
 ✓ 16720. " " " " " " "
 ✓ 16797 = 16805. *Clitoria* - not quite matched at New York -
 near C. arborescens (?)
 ✓ 17580. *Psychotria uliginosa* Sw.
 ✓ 17148. *Sida linifolia* Juss.
 ✓ 16947. *Perama hirsuta* Aubl.
 ✓ 17168. *Dimorphandra excelsa* (Benth.) Baill.
 ✓ 16694. *Drepanocarpus lunatus* (L.) G. F. W. Meyer
 ✓ 16710. *Cajan Cajan* (L.) Millsp.
 ✓ 16746. *Calopogonium mucunoides* Desv.
 ✓ 17058. " " "
 ✓ 16717. *Cassia Sophera* L.
 ✓ 16715. *Cassia bicapsularis* L.
 ✓ 16725. *Entada polystachya* (Jacq.) DC.
 ✓ 16803. " " " "
 ✓ 16729. *Neptunia plena* (L.) Benth.
 ✓ 16838. *Pithecolobium oblongum* Benth.

HITCHCOCK, BRITISH GUIANA

- ✓ 16864. *Allamanda cathartica* L.
- ✓ 16582. *Commelina elegans* H.B.K.
- ✓ 16555. *Piaropus azureus* (Sw.) Raf.
- ✓ 17648. " " " "
- ✓ 17398. *Potomorphe peltata* (L.) Miq.
- ✓ 16664. *Ipomoea tiliacea* (Willd.) Choisy
- ✓ 16778. *Siphonanthus indicus* L.
- ✓ 17094. *Sebastiania corniculata* (Vahl) Muell. Arg.
- ✓ 16595. *Vernonia cinerea* (L.) Less.
- ✓ 17118. *Monotagma Parkeri* (Roscoe) Schum.
- ✓ 17631. *Wittmackia lingulata* (L.) Mez.
- ✓ 17403. *Erechthites hieracifolia* (L.) Raf.
- ✓ 16743. *Urena lobata* L.
- ✓ 16585. *Pilea microphylla* (L.) Liebm.
- ✓ 17183. *Ipomoea glabra* (Aubl.) Choisy
- ✓ 17441. " " " "
- ✓ 16726. *Aniseia martinicensis* (Jacq.) Choisy
- ✓ 17510. " - not quite matched at N. Y.
- ✓ 17519. *Condylocarpon* (guianense Desf?)
- ✓ 17517. *Moronobea coccinea* Aubl.
- ✓ 17573. " " "
- ✓ 16752. *Croton chamaedrifolius* (Kl.) Griseb.
- ✓ 16873. *Jussiaea nervosa* Poir.
- ✓ 16738. *Philibertella clausa* (Jacq.) Vail
- ✓ 17511. " " " "
- ✓ 17290. *Serjania paucidentata* DC.
- ✓ 1688~~8~~⁹. *Oocarpon oocarpum* (C. Wright)

- ✓ 16656. *Brachypteris ovata* (Cav.) Small
- ✓ 16808. *Crenea surinamensis* (L.f.) Koehne
- ✓ 16586. *Fleurya aestuans* (L.) Gaudich
- ✓ 17524. *Carapa guianensis* Aubl.
- ✓ 17532. *Guarea trichilioides* L.
- ✓ 16607. *Blechum Blechum* (L.) Millsp.
- ✓ 16878. *Cissus erosa* L. C. Rich.
- ✓ 17574. *Malanea macrophylla* Bartl.
- ✓ 16998. *Chelonanthus chelonoides* (L.) Gilg.
- ✓ 17365. *Siparuna guianensis* Aubl.
- ✓ 16868. *Castalia Rudgeana* (Meyer)
- ✓ 17509. *Paullinia pinnata* L.
- ✓ 17515. " " "
- ✓ 16807. *Sida cordifolia* L.
- ✓ 17160. " " "
- ✓ 17366. *Justicia secunda* Vahl
- ✓ 17564. " " "

- ✓ 16559. *Fimbristylis ferruginea* (L.) Vahl
- ✓ 16748. *Euirena umbellata* Rottb.
- ✓ 17009. " " "

11730
10581
10992
Hitchcock, British Guiana

[Britton]

- ✓ 16787. *Boerhaavia* - ask Standley
- ✓ 16881. *Persicaria portoricensis* (Bert.) Small
- ✓ 17049. *Meibomia* - not matched at New York
- ✓ 17177. *Dioclea* - near *D. lasiophylla* Mart.
- ✓ 17545. *Bradburya* - not matched at New York
- ✓ 16796. *Andira jamaicensis* (W. Wright) Urban
- ✓ 17158. *Inga* - not further studied at New York
- ✓ 17248. *Inga* - " " " " " "
- ✓ 16665. *Mimosa polydactyla* H. & B.
- ✓ 17047. " " " " "
- ✓ 17527. *Pithecolobium cauliflorum* (Willd.) Mart.
- ✓ 17258. *Cassia* - not certainly matched at New York
- ✓ 17243. *Vouapa bifolia* Aubl.
- ✓ 17538. *Drepanocarpus inundatus* Mart.(?)
- ✓ 16737. *Luffa operculata* Cogn.
- ✓ 16779. *Luffa Luffa* (L.) Lyons
- ✓ 17514. *Schlegelia elongata* Miq.
- ✓ 17499. *Anguria triphylla* Miq.
- ✓ 17604. *Melothria* = Jenman 6285
- ✓ 17354. *Psychotria* = Jenman 4712
- ✓ 17498. *Gurania spinulosa* (Poepp. & Endl.) Cogn.
- ✓ 17326. *Gurania* - not matched at New York
- ✓ 16573. *Coccinea indica* W. & A.?
- ✓ 16865. *Urospatha* - not matched at New York
- ✓ 17598. *Peperomia rotundifolia* (L.) H.B.K.
- ✓ 17349. *Gymnosiphon* - not matched at New York

- ✓ 17292. *Arrabidaea* = Jenman 6277
- ✓ 16706. *Cydista aequinoctialis* (L.) Miers.
- ✓ 17546. *Anemopaegma* - not matched at New York
- ✓ 17298. *Pithecoctenium*
- ✓ 17136. *Piper* - ask Trelease
- ✓ 17178. *Piper* - ask Trelease
- ✓ 17478. *Peperomia* - not studied at New York
- ✓ 16993. *Psychotria unundata* Benth.
- 16992. *Aganisia pulchella* Lindl.
- ✓ 17369. *Evea* = *Cephaelis tenuiflora* (DC.) D. Dietr.
- ✓ 17234. *Codonanthe?* - not studied at New York
- ✓ 16948. *Codonanthe?* - not studied at New York
- ✓ 17125. *Evea?* - not matched at New York
- ✓ 16862. *Palicourea* - ask Standley
- ✓ 17520. *Palicourea* - " "
- ✓ 17018. *Palicourea* - " "
- ✓ 17448. *Tontanea* - " "
- ✓ 17086. *Evea* - " "
- ✓ 17300. *Simaba* - not matched at New York
- ✓ 17030. Aroid - N. Y. specimen incomplete
- ✓ 17544. *Piper* - ask Trelease
- ✓ 17358. *Piper* - " "
- ✓ 17025. *Piper* - " "
- ✓ 17492. *Peperomia* - not studied at New York
- ✓ 17354. *Psychotria* - ask Standley = Jenman 4712
- ✓ 17098. *Diodia* - " "
- ✓ 17592. *Psychotria* - " "
- ✓ 17312. *Borreria* - ask Standley
- ✓ 17091. *Psidium* (?) not matched at New York
- ✓ 17324. *Melastomaceae* - not studied at New York

- ✓ 17222. *Psidium* (?) not matched at New York
 ✓ 17247. *Spigelia* (?) " " " " "
 ✓ 16925. *Pagamea guianensis* Aubl.
 ✓ 17531. *Machaerium* (?) not matched at New York
 ✓ 17635. " (?) " " " " "
 ✓ 17535. " - " " " " "
 ✓ 17482. " - " " " " "
 ✓ 17521. *Ecastaphyllum monetaria* (L.f.) Pers.
 ✓ 17167. *Mimosa myriadena* Benth.
 ✓ 17173. *Anneslia* (?) not matched at New York
 ✓ 17230. *Bactris* - " " " " "
 ✓ 17622. *Hernandia* - not matched at New York
 16730. *Vigna repens* (L.) Kuntze
 ✓ 17595. Gesneriaceae
 ✓ 17386. "
 ✓ 17375. "
 ✓ 17601. "
 ✓ 17397. "
 ✓ 16997. Alismaceae
 ✓ 17641. *Hiraea* - not matched at New York
 ✓ 17196. " " " " " "
 ✓ 17495. *Stigmaphyllon* - " " " "
 ✓ 17561. " " " " "
 ✓ 17572. *Banisteria* - " " " "
 ✓ 17529. " " " " "
 ✓ 17142. " " " " "
 ✓ 17297. " " " " "
 ✓ 17289. *Banisteriopsis* " " " "
 ✓ 17302. *Byrsonima* - " " " "
 ✓ 16922. " " " " "

- ✓17606. Melastomaceae - not studied at New York
- ✓17607. Composite - not studied at New York
- ✓17658. " " " " " "
- ✓17103. " " " " " "
- ✓17214. " " " " " "
- ✓17032. " " " " " "
- ✓16765. " " " " " "
- ✓16896. Tabebuia - not matched at New York
- ✓17346. Bignoniaceae - flowers only at New York
- ✓17127. " not matched at New York
- ✓17617. " " " " " "
- ✓17485. " " " " " "
- ✓17528. " " " " " "
- ✓17166. Combretaceae? fruit and leaves at New York
- ✓17089. Legume
- ✓16962. Polygala appressa Benth. (Det. Blake)
- ✓16904. Nepsera aquatica (Aubl.) Naud.
- ✓17182. Clidemia elegans (Aubl.) D. Don.
- ✓17000. " dependens D. Don.
- ✓16954. Tibouchina aspera Aubl.
- ✓17149. Clidemia rubra (Aubl.) Mart.
- ✓17051. Rhyncanthera grandiflora (Aubl.) Triana
- ✓16982. " " " "
- ✓17371. Melastomaceae - not studied at New York
- ✓17353. " " " " " "
- ✓17316. " " " " " "
- ✓16928. " " " " " "
- ✓17455. " " " " " "
- ✓16985. " " " " " "
- ✓17293. " " " " " "
- ✓17372. " " " " " "

HITCHCOCK, BRITISH GUIANA

Britton

- ✓ 16632. *Hydrocotyle* - Rose will report
 ✓ 16894. " " " "
 ✓ 16639. *Barleria Prionitis* L.
 ✓ 17440. *Cleome latifolia* Vahl
 ✓ 17045. *Jussiaea linifolia* Vahl
 ✓ 16798. " *decurrens* (Walt.) DC.
 ✓ 16629. " *suffruticosa* L.
 ✓ 16617. " *leptocarpa* Nutt.
 ✓ 17215. " *affinis* DC.
 ✓ 17029. *Nepsera aquatica* (Aubl.) Naud.
 ✓ 17041. " " " "
 ✓ 17597. *Aciotis annua* (Mart.) Triana
 ✓ 16937. " *purpurascens* (Aubl.) Triana
 ✓ 16977. " - not quite matched at New York
 ✓ 17389. *Caopia latifolia* (Aubl.) Kuntze
 ✓ 16601. *Phyllanthus Urinaria* L.
 ✓ 16750. *Borreria latifolia* (Aubl.) Schum.
 ✓ 16764. " " " "
 ✓ 17090. *Posoqueria latifolia* R. & S.
 ✓ 17272. *Hibiscus bifurcatus* Cav.
 ✓ 16763. " *furcellatus* Lam.
 ✓ 17014. " " " "
 ✓ 17270. *Trema molle* (H. & B.) Blume
 ✓ 17422. " " " "
 ✓ 16863. *Miconia Acinodendrum* (L.) Triana
 ✓ 16976. " " " "
 ✓ 17501. " *nervosa* (Smith) Triana
 ✓ 17073. *Clidemia elegans* (Aubl.) D. Don.

- ✓ 17213. *Clidemia elegans* (Aubl.) D. Don
- ✓ 16761. *Syzygium jambolanum* (Lam.) DC.
- ✓ 17120. *Tabernaemontana undulata* Vahl
- ✓ 17179. *Costus cylindricus* Jacq.
- ✓ 17146. *Cuphea speciosa* (Anders.) Kuntze
- ✓ 16713. *Rhabdadenia biflora* (Jacq.) Muell. Arg.
- ✓ 16642. *Ocimum sanctum* L.
- ✓ 16772. *Chamissoa altissima* (Jacq.) H.B.K.
- ✓ 16529. *Montrichardia arborescens* (L.) Schott.
- ✓ 17582. *Urera baccifera* (L.) Gaud.
- ✓ 17401. *Basella rubra* L.
- ✓ 16535. *Varronia cylindrostachya* R. & S.
- ✓ 16981. *Sipanea pratensis* Aubl.
- ✓ 17204. *Guarea trichilioides* L.
- ✓ 17502. " " "
- ✓ 17578. *Psychotria* - not matched at New York
- ✓ 17110. *Icica guianensis* Aubl.
- ✓ 16880. *Philodendron* - not studied at New York
- ✓ 16564. *Cuscuta umbellata* H.B.K. (det. Yuncker)
- ✓ 17060. *Siparuna guianensis* Aubl.
- ✓ 16545. *Mimusops Elengi* L.
- ✓ 17556. *Duggena spicata* (Lam.) Standley
- ✓ 16762. *Seguiera* - not matched at New York
- ✓ 17357. *Alchornea cordata* (A. Juss.) Muell. Arg.
- ✓ 17368. " " " " "
- ✓ 16622. *Lemna* - not studied at New York
- ✓ 17565. *Poinsettia Oerstediana* Kl. & Garcke
- ✓ 17240. *Justicia pectoralis* Jacq.
- ✓ 16935. *Smilax guianensis* Vitm.
- ✓ 17504. " " "

- ✓ 17156. *Cupania* - not matched at New York
- ✓ 16633. *Oldenlandia callitrichoides* Griseb.
- ✓ 17067. *Chamaesyce thymifolia* (Burm.) Millsp.
- ✓ 16682. " *prostrata* (Ait.) Small
- ✓ 16915. *Hemidiodia ocimifolia* (Willd.) Schum.
- ✓ 16921. *Borreria ferruginea* DC. = Jenman 545a
- ✓ 17046. " " "
- ✓ 16999. *Sabicea* - ask Standley
- ✓ 16911. *Tontanea* - ask Standley
- ✓ 17649. *Sterculia pruriens* (Aubl.) Schum.
- ✓ 17652. *Sauvegesia elata* Benth.
- ✓ 16534. *Randia formosa* (Jacq.) Schum.
- ✓ 16771. *Amaranthus dubius* Mart.
- ✓ 16591. " *gracilis* Desf.
- ✓ 17218. *Lacistema aggregata* (Berg.) Rusby
- ✓ 16753. *Sida glomerata* Cav.
- ✓ 16606. *Portulaca quadrifida* L.
- ✓ 16685. *Leptilon bonariense* (L.) Small
- ✓ 17129. *Paullinia* - not quite matched at New York
- ✓ 16734. *Sida micrantha* St. Hil.
- ✓ 17217. *Monniera trifolia* L.
- ✓ 17360. *Cyathula prostrata* Blume
- ✓ 17581. *Jussiaea latifolia* Benth.
- ✓ 17108. *Hippocratea volubilis* L.
- ✓ 17533. " " "
- ✓ 17638. " " "
- ✓ 17242. *Hippocratea malpighiaefolia* Rudge (by description)
- ✓ 17235. *Spathiphyllum cannaefolium* (Dryand.) Schott.
- ✓ 17570. " " " "
- ✓ 16611. *Achyranthes sessilis* (L.) Standley

- ✓ 17321. *Calathea* - not matched at New York
- ✓ 16646. *Canna glauca* L.
- ✓ 16711. *Hyptis pectinata* (L.) Poit
- ✓ 17044. *Lophotocarpus guianensis* (H.B.K.) J. G. Smith
- ✓ 17559. *Dioscorea polygonoides* H. & B.
- ✓ 16917. *Ischnosiphon* - not matched at New York
- ✓ 16829. *Achyranthes ficoidea* (L.) Lam.
- ✓ 17337. *Caladium bicolor* (Ait.) Vent.
- ✓ 17076. *Renealmia exaltata* L.f.
- ✓ 17033. *Athyrocarpus persicariaefolius* (DC.) Hemsl.
- ✓ 16950. *Caopia* = Jenman 4566. Near *macrophylla*
- ✓ 17415. *Caopia cayennensis* (Jacq.) Kuntze
- ✓ 17560. *Tournefortia bicolor* Sw.
- ✓ 16924. *Myrcia sylvatica* (Meyer) DC.
- ✓ 17062. " " " "
- ✓ 17252. *Mendoncia Schomburgkiana* Nees
- ✓ 16689. *Paullinia* - not matched at New York
- ✓ 17003. *Achetaria scutellarioides* (Benth.) Kuntze
- ✓ 17318. *Ischnosiphon gracilis* (Rudge) Korn.
- ✓ 16532. *Philotria* - not studied at New York
- ✓ 17643. *Quiina guianensis* Aubl. (by description)
- ✓ 16887. *Sagittaria lancifolia* L.
- ✓ 17107. " " "
- ✓ 17095. *Pavonia cancellata* Cav.
- ✓ 17329. *Evea* - ask Standley
- ✓ 17023. *Costus* - not matched at New York
- ✓ 17402. " " " " "

Lentibulariaceae - det. Barnhart

- ✓ 16909 *Calpidisca calycifida* (Benj.)
- ✓ 17040 " " "

HITCHCOCK, BRITISH GUIANA

- ✓ 16893. *Aechmea spicata* Mart.
- ✓ 17130. " - not matched at N. Y.
- ✓ 17288. " " " " " "
- ✓ 17633. *Guzmania* - " " " " "
- ✓ 17632. " " " " " "
- ✓ 16870. *Anthurium gracile* (Rudge) Engler
- ✓ 17259. *Smilax* - not matched at New York
- ✓ 16987. *Philodendron* - not matched at New York
- ✓ 17069. Aroid - *Xanthosoma* (?)
- ✓ 16978. *Dioscorea* or *Rajania* - not matched at New York
- ✓ 17141. " " " " " " " "
- ✓ 17541. *Ocotea caudata* (Nees) Mez.
- ✓ 17500. *Mandevilla tomentosa* (Vahl) Kuntze
- ✓ 17305. *Ocotea* (?) not matched at New York
- ✓ 16972. *Odontadenia nitida* (Vahl) Muell. Arg.
- ✓ 16983. " " " " "
- ✓ 17348. Apocynaceae - *Tabernaemontana* (?)
- ✓ 17659. *Chrysophyllum* - not matched at N. Y.
- ✓ 17414. *Stigmaphyllon fulgens* A. Juss.
- ✓ 17079. " " " "
- ✓ 17180. " " " "
16919. *Phoradendron* - Ask Trelease - spec. 4th Set?
17523. " " " " " "
16920. " " " "
- ✓ 17657. *Ouratea* - not matched at N. Y.
- ✓ 16536. *Justicia* - not matched at N. Y.
- ✓ 17486. *Alchornea* - not matched at N. Y.
- ✓ 16542. *Leacorea humilis* (Vahl) Britton

HITCHCOCK, BRITISH GUIANA SEDGES

[Ack N. L. Britton]

- ✓ 16702. *Cyperus odoratus* L.
 ✓ 16755. " " "
 ✓ 16677. " *ligularis* L.
 ✓ 16558. " *articulatus* L.
 ✓ 16543. " *Lazulae* Rottb.
 ✓ 16583. " *esculentus* C.
 ✓ 17001. " *Haspan* L.
 ✓ 16891. " *ferax* L. C. Rich.
 ✓ 16672. " " " "
 ✓ 17080. " *sphacelatus* Rottb.
 ✓ 17085. " *cayennensis* (Lam.) Britton.
 ✓ 16693. " *comosus* (Willd.) Poir.
 ✓ 16658. " *Vahlil* (Nees) Steud.
 ✓ 16756. *Kyllinga brevifolia* Rottb.
 ✓ 17059. " *odorata* Vahl
 ✓ 16652. *Eleocharis interstincta* (Vahl) R. & S.
 ✓ 17099. " - N. Y. specimen too young.
 ✓ 17026. " *flaccida* (Spreng.) Urban
 ✓ 16569. *Fimbristylis spadicea* (L.) Vahl.
 ✓ 16570. *Fimbristylis spathacea* Roth.
 ✓ 16561. " *miliacea* (L.) Vahl
 ✓ 16927. *Stenophyllus* (too young)
 ✓ 17035. *Dichromena pubera* Vahl
 ✓ 17043. " " "
 ✓ 16980. *Rynchospora cyperoides* (Sw.) Mart.
 ✓ 16939. " *cephalotus* Vahl
 ✓ 17212. " " "
 ✓ 16990. " *Marisculus* Nees.
 ✓ 17042. " *setacea* (Berg.) Boeckl.
 ✓ 17022. " *glaucæ* Vahl
 ✓ 17070. " *comata* (Link) Schultes
 ✓ 17417. " *corymbosa* (L.) Britton
 ✓ 16995. " " " "
 ✓ 16744. " " " "
 ✓ 16889. " *gigantea* Link
 ✓ 17010. " *triflora* Vahl
 ✓ 17008. " *tenuis* Link (?) too young
 ✓ 17233. *Calyptrrocarya angustifolia* Nees
 ✓ 17077. *Diplasia Karataefolia* L. C. Rich.
 ✓ 17256. *Scleria secans* (L.) Urban *S. reflexa* H.B.K.
 ✓ 16877. *Scleria macrogyne* Clarke
 ✓ 16906. " *cymosa* (Brongn.) Boeckl.
 ✓ 16674. " *melaleuca* C. & S.
 ✓ 16866. " *microcarpa* Nees
 ✓ 17552. " *arundinacea* Kunth
 ✓ 17263. " *mitis* Berg.
 ✓ 16749. *Hypolytrum pungens* Kunth
 ✓ 17209. " *longifolium* (L. C. Rich.) Nees
 ✓ 17140. " - of this presently
 ✓ 16996. " " " "
 ✓ 16907. " " " "
 ✓ 17303. Sedge - of this presently

- ✓ 16905. *Metastelma* - not matched at N. Y.
 ✓ 17311. " " " " "
 ✓ 17534. *Ficus leucosticta* Miq. = Jenman 7257
 ✓ 17539. " - not matched at N. Y.
 ✓ 17530. " " " " "
 ✓ 16784. " " " " "
 ✓ 17536. " " " " "
 ✓ 16823. " " " " "

[The genus *Ficus* is a terror]

- ✓ 17310. *Guatteria* - not matched at N. Y.
 ✓ 17406. " " " " "
 ✓ 17111. *Oryctanthus botryostachys* Eichl. = Jenman 2532
 ✓ 16969. *Miconia* - not matched at N. Y. = Jenman 4705.
 ✓ 17053. *Pterolepis glomerata* (Rottb.) Miq.
 ✓ 16742. " " " "
 ✓ 17624. *Tococa aristata* Benth.
 ✓ 16991. " - not matched at N. Y.
 ✓ 17323. *Aciotis purpurascens* (Aubl.) Triana

SOUTH AMERICAN MELASTOMACEAE

Identified by H. A. Gleason, 1925

Copies of this list sent to Nat. Herb., Gray Herb., Phila. Acad.

Hitchcock ✓ 16985 (British Guiana) *Rhynchanthera microphylla* Gleason, n.sp.

✓ 17316 *Tococa truncata* Benth.

✓ 17372 *Ernestia glandulosa* Gleason, n.sp.

Hitchcock (Brit. Guiana) ✓ 16972. *Mandevilla hirsuta* (Rich.) K. Sch.

HITCHCOCK, BRITISH GUIANA AND SURINAM

- ✓ 16632. *Hydrocotyle rotundifolia* Roxb.
 ✓ 16897. " *umbellata* L.
 ✓ 16956. *Amosonia campestris* (Aubl.)
 ✓ 17247. *Spigelia humilis* Benth.

Sent Nov. 10, 1920 to the New York Botanical
Garden fragments of the unicates in the Gray Herbarium
of Hitchcock's plants of British Guiana.

16766	16634	17136
16592a	17057	
16631	17002	
16970	16701	
17197	16635	

Plants sent to New York Bot. Gard. Feb. 1, 1921.

A. S. Hitchcock's Collection of British Guiana Plants
from the 4th set.

16536	16895	16991	17135	17258	17329	17478	17545	17641
16573	16896	16993	17136	17259	17346	17482	17546	17657
16589	16902	16997	17138	17262	17347	17485	17550	17659
16622	16904	16999	17139	17268	17348	17486	17561	
16632	16905	17000	17141	17289	17349	17487	17571	
16665	16911	17004	17142	17291	17353	17492	17572	
16673	16917	17018	17143	17292	17354	17495	17576	
16683	16922	17023	17149	17293	17358	17498	17578	
16689	16923	17025	17150	17297	17369	17503	17584	
16698	16925	17030	17155	17298	17370	17510	17592	
16700	16927	17047	17156	17300	17371	17514	17595	
16706	16928	17049	17158	17302	17372	17516	17598	
16737	16931	17051	17165	17304	17375	17519	17601	
16739	16938	17056	17166	17305	17378	17520	17604	
16779	16950	17069	17167	17306	17380	17521	17606	
16784	16951	17086	17173	17307	17386	17527	17613	
16787	16954	17089	17177	17309	17388	17528	17615	
16796	16955	17091	17178	17310	17397	17529	17617	
16797	16967	17098	17182	17311	17402	17530	17618	
16805	16969	17099	17196	17312	17406	17531	17619	
16823	16977	17109	17222	17316	17412	17535	17622	
16862	16978	17125	17230	17319	17418	17536	17632	
16865	16982	17127	17234	17321	17426	17537	17633	
16880	16985	17128	17243	17324	17448	17538	17634	
16882	16986	17129	17247	17325	17453	17539	17635	
16892	16987	17130	17248	17326	17455	17544	17640	

Hillebrand B. G. 16698 is
Cannabali dictyota, Piper
dit. Piper -

du c le King Hitchcock's B. G.
numbers true find, 16864
repeated - once for an
Allamanda and again for
an Aroid, - Can you help
connect this?

16865 is an Aroid.

White Cock 17168, which
was inadvertently written up
as *Dimorpho* *haustraria* is
Putuclatara filia ~~haustraria~~
Reuter

Hitchcock, British Guiana

17324, 17606. - transit
by H. E. Brown to, perhaps,
be a *Peritola*, and

Leandra divaricata

Please pass this along
to Morton

Ag. u

As to White Rock

✓ 17643 it is *Poly podium ciliatum*

✓ 17640 is Quina

- ✓ 17103 *Calca*
- ✓ 16765 *Viguiera?*
- ✓ 17214 *Calca*
- ✓ 17032
- ✓ 16929
- ✓ 17543 *Clitachium*
- ✓ 17607, 1
- ✓ 16685 *Erigeron*
- ✓ 17403 *Epithema*

Hitchcock *Bryobryum*
 Nov. offered
 to Blake for
 identification